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PROFESSIONAL SUMMARY:

- Over 8+ years of proven expertise as a Full Stack Node JS Developer, specializing in the development of web-based applications and Angular applications across diverse domains. Proficient in HTML/HTML5, TAILWIND, XML, CSS 2/3, SCSS, AJAX, JSON, DOM, JavaScript, and Angular, Node JS with a strong focus on creating dynamic and responsive user interfaces.
- Extensive experience in crafting web applications and Client/Server solutions utilizing Angular, HTML, JavaScript, AJAX, and CSS, coupled with proficiency in Adobe Photoshop.
- Profound understanding of event-driven architecture, including event sourcing and Command Query Responsibility Segregation (CQRS) patterns.
- Understanding of network protocols, REST, GraphQL, and experience in developing network applications in Node.js.
- Designed and implemented Node.js APIs to facilitate seamless integration between SAP and non-SAP applications.
- Adept in client-side scripting languages and server-side scripting languages, including JavaScript, jQuery, JSON, Bootstrap, Node.js, and Angular.
- Extensive hands-on experience in Node.js, leveraging its asynchronous, event-driven architecture to build scalable and responsive applications.
- Proficiently utilizing Express.js for building RESTful APIs and web applications in the Node.js ecosystem.
- In-depth knowledge of Angular and Angular Forms, leveraging Reactive Forms, NgRx, NgXs, PrimeNG, and TypeScript to enhance development efficiency.
- Successfully integrated Node.js applications with MongoDB and MySQL databases, showcasing expertise in efficient data modeling and retrieval.
- Seamlessly integrated Node.js applications with frontend technologies like Angular, creating a harmonious interplay between server and client.
- Ability to design and implement robust and scalable event-driven systems, leveraging Node.js capabilities for asynchronous operations and event handling.
- Conducted performance tuning and optimization of Node.js APIs to enhance integration speed with SAP systems.
- Expertise in handling Promises and managing asynchronous tasks, particularly in the context of fetching data from servers, demonstrated in projects involving Node.js on the backend.
- Leveraged Node.js and the Express.js Framework to establish an efficient routing mechanism for responding to HTTP requests, showcasing a robust understanding of server-side JavaScript development.
- Developed custom middleware solutions in Node.js, handling critical aspects such as authentication, authorization, and request processing.

Technical Skills :

Web Application	Angular 16/17 , , NgRx, NgXS, PrimeNG UI, RxJS, Node.js, Express.js
Web Technologies	HTML5, CSS3, JavaScript , TypeScript , jQuery, Azure SQL , Azure DevOps , Azure Function , GraphQL , Jenkins .
Databases	SQL Server (2014,2012,2010,2008), MongoDB , PostgreSQL, Firestore, AzureSQL , GraphQL , CosmosDB . SAP S4 HANA
Language	C#, JavaScript, TypeScript, Angular(17), Node
Application Development Tool	Team Foundation Server (TFS), JIRA , Git, MS Office, Visual Studio.NET, AWS, Azure, CI/CD.
Development IDE	Visual Studio (2013, 2012, 2010, 2008), Microsoft Visio, SQL Profiler, SQL Server Agent, Docker.

XRM Labs_____ (Mar 24 to Jun 24)

Project 1: Proviniti

Role: Senior Full Stack Developer

Responsibilities :

- Developed web applications and user interfaces using Angular(17) that are fully responsive and adapt to various screen sizes and devices.
- Developed robust and scalable web applications using TypeScript, ensuring type safety and improved maintainability of the codebase.
- Involved in design development by using MVC architecture.
- Designed and constructed APIs in Node.js, exposing backend functionality with a focus on business logic and data access.
- Designed Node.js applications with scalability in mind, accommodating growing user bases and increased data loads.
- Conducted FUT to ensure that the software meets all specified functional requirements.
- Developed custom middleware solutions using Node.js to connect SAP ERP systems with third-party applications.
- Managed Node.js packages and dependencies using NPM (Node Package Manager).
- Implemented custom middleware in Node.js for request processing, authentication, logging, and error handling.
- Leveraged the asynchronous, event-driven nature of Node.js to handle multiple simultaneous connections.
- Utilized RxJS to enable UI updates, ensuring that user interfaces reflect changes in data and state.
- Integrated with backend APIs, including RESTful services, to fetch and update data from the frontend, ensuring seamless communication between client and server.
- Utilized Socket.IO for real-time communication between client and server, enabling live updates and interactive features in web applications.
- Developed and maintained reusable UI components and libraries within the PrimeNG UI framework.
- Implemented state management solutions using NgRx and NgXS, ensuring efficient and scalable state handling across the application.
- Monitored and optimized cloud resources for performance and cost, leveraging AWS CloudWatch, Azure Monitor, and cost management tools.
- Utilized Terraform to provision and manage cloud resources on platforms such as AWS, automating the deployment of virtual machines, containers, networking, and storage components.
- Developed Terraform scripts and modules to automate infrastructure tasks such as server provisioning, load balancer configuration, and auto-scaling setups, reducing manual intervention and minimizing human error.
- Wrote unit and integration tests for Node.js and Angular applications using Jest and Mocha.
- Worked in an AWS environment, utilizing various AWS services to deploy, manage, and scale applications in the cloud.
- Orchestrated the build process using Webpack, optimizing bundle size and improving application performance.

Environment : Angular 17, NgRx, NgXS, PrimeNG UI, RxJS, Node.js, Express.js, REST API, Socket.IO, AWS, Azure, Terraform, AWS CloudWatch, Azure Monitor, NPM, Webpack, Jest.

Inlogic_____ **(Oct 23 to Mar 24)**

Project 1: Consova (HealthCare Platform)

Role: Senior Software Developer

Description: Consova provides cost containment solutions for employers and health insurers to ensure compliance, prevent fraud and waste, maintain payment integrity and reduce risk, ensuring our clients' utmost satisfaction with a high value of services.

Responsibilities:

- Developed web applications and user interfaces using Angular that are fully responsive and adapt to various screen sizes and devices.
- Developed robust and scalable web applications using TypeScript, ensuring type safety and improved maintainability of the codebase.
- Involved in design development by using MVC architecture.
- Designed and constructed APIs in Node.js, exposing backend functionality with a focus on business logic and data access.
- Designed Node.js applications with scalability in mind, accommodating growing user bases and increased data loads.
- Conducted FUT to ensure that the software meets all specified functional requirements.
- Developed custom middleware solutions using Node.js to connect SAP ERP systems with third-party applications.
- Managed Node.js packages and dependencies using NPM (Node Package Manager).
- Implemented custom middleware in Node.js for request processing, authentication, logging, and error handling.
- Leveraged the asynchronous, event-driven nature of Node.js to handle multiple simultaneous connections.
- Utilized RxJS to enable UI updates, ensuring that user interfaces reflect changes in data and state.
- Utilized Next.js API routes to create custom serverless API endpoints for specific application needs.
- Integrated with backend APIs, including RESTful services, to fetch and update data from the frontend, ensuring seamless communication between client and server.
- Developed and maintained reusable UI components and libraries within the PrimeNG UI framework.
- Monitored and optimized cloud resources for performance and cost, leveraging AWS CloudWatch, Azure Monitor, and cost management tools.
- Utilized Terraform to provision and manage cloud resources on platforms such as AWS, automating the deployment of virtual machines, containers, networking, and storage components.
- Developed Terraform scripts and modules to automate infrastructure tasks such as server provisioning, load balancer configuration, and auto-scaling setups, reducing manual intervention and minimizing human error.
- Wrote unit and integration tests for Node.js and Angular applications using Jest and Mocha.
- Worked in an AWS environment, utilizing various AWS services to deploy, manage, and scale applications in the cloud.
- Orchestrated the build process using Webpack, optimizing bundle size and improving application performance.

Environment: Angular 17, NgRx, NgXS, PrimeNG UI, RxJS, Node.js, Express.js, REST API, Socket.IO, AWS, Azure, Terraform, AWS CloudWatch, Azure Monitor, NPM, Webpack, Jest.

Six Berries_____ **March 2023 – Oct 23**

Project 1: Kinetics

Role: Sr. Full Stack Developer

Description: – Strategic Analytics Platform

Roles and Responsibilities:

- Lead the conceptualization and selection of architectural patterns for Angular.js applications.
- Architect end-to-end solutions, emphasizing scalability, performance, security, and usability.
- Implemented object-oriented and functional programming paradigms in TypeScript, enhancing code readability and modularity.

- Research and evaluate new tools, technologies, and frameworks relevant to the MERN stack and microservices architecture.
 - Design and implement a scalable and maintainable component-based architecture in Angular.
 - Developed and maintained server-side logic using Node.js, ensuring high performance and responsiveness for web applications.
 - Implemented Firebase services to develop real-time applications, leveraging features such as authentication, storage, and hosting for seamless user experiences.
 - Implemented and configured RabbitMQ as message queue or caching solutions within distributed systems architecture, optimizing data communication and storage for improved scalability and performance.
 - Configured alerting rules in Grafana to proactively monitor system health and performance metrics, implementing threshold-based alerts and integrating with communication channels such as Slack or email.
 - Ensured real-time data synchronization between SAP and non-SAP systems using robust Node.js API endpoints.
 - Perform SIT to validate the interaction between integrated components of the system.
 - Utilized Express.js to build RESTful APIs, handling HTTP requests and responses efficiently in a Node.js environment.
 - Research and evaluate new tools, technologies, and frameworks relevant to Angular, NgRx, NgXS, Signals, and standalone components.
 - Developed custom middleware solutions in Node.js to handle authentication, authorization, and request processing.
 - Spearheaded the design, development, and maintenance of Node.js applications, utilizing the Express.js framework for server-side logic.
 - Developed interactive and responsive user interfaces using Angular.js.
 - Implemented effective state management using Angular built-in state and external libraries such as Redux.
 - Implemented modular and reusable components based on Angular.js principles.
 - Applied optimization strategies to enhance website performance, focusing on both frontend Angular and backend Node.js.
 - Implemented Azure DevOps for robust CI/CD processes, streamlining testing and deployment workflows.
 - Developed server-side logic, optimizing data storage performance with Node.js and incorporating MongoDB for efficient data handling
- Environment:** Angular, NgRx, NgXS, Bootstrap 5, JavaScript, ES6, Rabbit MQ, Webpack, Node.js, Express.js, Firebase, Jasmine, Jest, Azure DevOps, RESTful API principles, SAP, SIT, TypeScript.

Hatchster, UK_May 2018 – Feb 2023

Role: Technical Lead

Project 1: Lotto Social

Description: Lotto Social is a lottery management system. Using this application people get lotteries play games and used for managing user syndicate.

Roles and Responsibilities:

- Implemented frontend logic and behavior using Angular, focusing on TypeScript for enhanced development in the frontend.
- Designed and constructed APIs in Node.js, exposing backend functionality with a focus on business logic and data access.
- Designed Node.js applications with scalability in mind, accommodating growing user bases and increased data loads.
- Implemented caching strategies in Node.js applications to optimize data retrieval and reduce latency.
- Managed Node.js packages and dependencies using NPM (Node Package Manager).
- Implemented custom middleware in Node.js for request processing, authentication, logging, and error handling.
- Leveraged the asynchronous, event-driven nature of Node.js to handle multiple simultaneous connections.

- Applied NgRx for state management in Angular, optimizing selectors for efficient data retrieval.
- Utilized TypeScript's static typing system to catch potential errors during development, reducing bugs and improving code quality.
- Develop and execute FUT test plans to verify application functionality.
- Integrated modern JavaScript (ES6) features into Angular projects, enhancing code readability and maintainability.
- Collaborated with SAP functional consultants to gather requirements and design Node.js-based integration solutions.
- Developed server-side applications and APIs using the Express.js framework.
- Implemented and configured RabbitMQ as message queue or caching solutions within distributed systems architecture, optimizing data communication and storage for improved scalability and performance.
- Applied a variety of RxJS operators to transform, filter, and combine data streams efficiently.
- Integrated TypeScript with popular frontend frameworks such as Angular, leveraging its features for enhanced developer productivity and tooling support.
- Implemented client-side routing using Angular's built-in system, ensuring smooth page transitions and user-friendly navigation.
- Programmed standards-compliant HTML5, SCSS, and CSS3, working with Angular modules and TypeScript.
- Developed responsive web pages using Angular and Bootstrap, emphasizing RESTful API web development and media queries.
- Created common components, services, pipes, and modules in Angular to consume REST APIs, adhering to a component-based architecture.
- Contributed to an Agile (Scrum) Development Team, delivering regular updates to business teams and project managers.
- Implemented Firestore queries and indexes to optimize data retrieval and support complex data filtering and sorting requirements.
- Utilized Terraform to provision and manage cloud resources on platforms such as AWS automating the deployment of virtual machines, containers, networking, and storage components.
- Conducted unit testing with Jest for Angular components.

Environment: Angular, RxJS, TypeScript, Node.js, Express Js, Firestore, SCSS, HTML5, CSS3, Bootstrap, Jest, JavaScript (ES6), NPM, Git, AWS, SAP, FUT.

Project 2: Mindcreek

Client: Mindcreek

Role: Node.js Developer worked as a Web developer

Description: Mindcreek is a proven information technology solution provider.

Roles and Responsibilities:

- Implemented frontend logic and behaviour in Angular, emphasizing TypeScript for enhanced development in the frontend.
- Create comprehensive design documentation outlining system architecture, data models, and interaction patterns.
- Implement micro frontend solutions to ensure modularity and independence of Angular UI components.
- Architect solutions that ensure cross-platform compatibility and responsiveness in Angular.js applications.
- Design and implement a scalable and maintainable component-based architecture in Angular.js.
- Designed and constructed APIs in Node.js, exposing backend functionality with a focus on business logic and data access.
- Developed and maintained server-side applications using Node.js to complement Angular on the frontend.
- Conducted unit testing using Jest and similar frameworks to ensure code quality and reliability in Angular

- Created secure, scalable, and maintainable Node.js APIs for interfacing with SAP HANA databases.
- Developed real-time applications using Node.js, leveraging frameworks for bidirectional communication.
- Integrated WebSocket technology into Node.js applications to enable full-duplex communication, enhancing responsiveness in interactive applications.
- Applied reselect or memorization techniques in Angular to optimize services for efficient data retrieval.
- Implemented routing and navigation within Angular applications, utilizing popular libraries.
- Utilized CSS pre-processors like Less and SASS to enhance code organization and maintainability in Angular projects.
- Create SIT test cases to assess the integration points between modules.
- Managed Angular packages and dependencies using NPM (Node Package Manager).
- Worked closely with clients to define and fulfil data requirements through GraphQL in Angular applications.
- Integrated non-relational databases like MongoDB for efficient data storage and retrieval in Angular applications.
- Designed and implemented high availability and disaster recovery strategies for Redis clusters, ensuring data integrity and continuous availability of messaging or caching services.
- Collaborate closely with stakeholders to understand business requirements and translate them into well-defined technical solutions.
- Led architecture, design, and technical roadmap discussions for cloud-scale software platforms, particularly focusing on Angular and Node.js integration with complex third-party systems

Environment: Angular, TypeScript, Redis, Node.js, MongoDB, GraphQL, CSS, HTML, NPM, JavaScript(ES6),Microsoft SQL Server, Responsive Design, HTML5, Git, SAP, SIT

Project 3: Fork Freight

Role: Senior Software Engineer

Description: – Transport Management system.

Responsibilities :

- Converted Figma designs into a modern UI with Angular and JavaScript.
- Developed server-side logic using Node.js, ensuring efficient and scalable application architecture.
- Used Node.js to interact with RESTful services and databases, building real-time Web APIs.
- Designed and implemented RESTful APIs using Node.js and Express.js, facilitating seamless communication between frontend and backend components.
- Integrated Node.js applications with various databases, including MongoDB and MySQL, for efficient data storage and retrieval.
- Utilized Node.js to automate data extraction, transformation, and loading (ETL) processes between SAP and other systems.
- Developed UI pages using Angular, Node.js, HTML5, CSS3, and JavaScript.
- Applied Angular architecture principles for design development.
- Configured TypeScript to transpile modern JavaScript (ES6 and beyond) into backward-compatible code.
- Utilized Angular for creating custom serverless API endpoints through Angular Routes.
- Integrated with backend APIs, including RESTful services, to seamlessly fetch and update data from the frontend in Angular applications.
- Identify and document defects discovered during FUT cycles.
- Developed and maintained reusable UI components and libraries within the Angular Material framework.
- Applied SCSS for improved code organization and maintainability in Angular projects.
- Developed and maintained GraphQL APIs to enable seamless data retrieval and manipulation in Angular applications.
- Developed powerful Single Page Applications and dynamic responsive web applications with Angular.
- Created reusable components and utilized Angular Router to implement Single Page Application architecture.
- Implemented User Interface using HTML, CSS, TypeScript, Bootstrap, and Angular.

- Utilized Redux for state management in Angular applications and worked with middleware.
- Implemented Responsive Web Design (RWD) using Angular and media queries for mobile responsiveness.
- Implemented security best practices within Terraform configurations, ensuring compliance with organizational security policies and standards, and integrating security controls such as encryption and access controls.
- Developed Single Page Web Applications (SPA) based front end for displaying user requests, user records history, and security settings using Angular.

Environment : Angular, TypeScript, Node.js, MongoDB, GraphQL, Bootstrap, ES6, Terraform, Webpack, HTML5, CSS3, JavaScript, NPM, SCSS, GIT, AWS, SAP, FUT

Project 4: Market place & Buy Akamai

Role: Senior Full Stack Developer (Node & Angular)

Description: It is a system for their Sales rep and Clients.

Responsibility :

- Wrote complex SQL queries and optimized database performance through indexing and query tuning in Node.js applications.
- Integrated with RESTful APIs and web services, fetching and managing data in Angular applications.
- Developed RESTful API endpoints to support data exchange between Angular applications and back-end services.
- Define and implement effective state management strategies, utilizing Angular state, context, or external libraries like Redux.
- Integrated SAP S/4HANA with external applications via RESTful APIs developed in Node.js.
- Develop strategies for scaling Angular.js applications, considering factors such as performance optimization and distributed systems.
- Evaluate and select appropriate technologies, libraries, and tools for the Angular.js stack, ensuring alignment with project goals.
- Track and manage defects identified during SIT phases.
- Designed, developed, and maintained Node.js applications using TypeScript and its framework in the backend.
- Actively contributed to the Angular community, including participating in discussions, reporting issues, and submitting pull requests.
- Implemented middleware for authentication, logging, and error handling in Express applications.
- Created and managed RESTful APIs with AWS API Gateway.
- Maintained custom NPM scripts for common development tasks, such as building, testing, and deployment in Angular and Node.js projects.
- Utilized Express.js, a popular Node.js framework, to streamline the development of web applications and APIs in the backend.
- Developed server-side applications and APIs using the Express.js framework.
- Designed and developed user interactive (UI) web pages with the help of HTML, CSS3, CSS, and Angular.
- Involved in developing XML, HTML, and Angular for client-side presentation and data validation on the client side within forms.
- Developed web pages by using CSS processors such as SCSS and LESS in Angular applications.
- Used Web Services like REST and SOAP for transmission of large blocks of XML data over HTTP in Angular projects.
- Developed user interface of the web application using HTML, CSS3, and Bootstrap in Angular.
- Wrote custom user-defined functions in TypeScript to validate application functionalities/features.
- Developed SQL queries to perform insert, update, or delete operations on MySQL database in Node.js.
- Designed and implemented a dynamic image rendering web service consumed by Angular, TypeScript, and JavaScript.
- Implemented continuous integration and continuous deployment (CI/CD) pipelines on GCP for Angular and Node.js applications.

- Conducted end-to-end testing with Jasmine in Angular applications.

Environment: Angular, TypeScript, Node.js, Express.js, Webpack, HTML5, CSS3, JavaScript, NPM, LESS, GIT, Mocha, Chai, JSON, XML, SAP, SIT.

Synechron Technologies _____ **Aug 2016- April 2018**

Role: Sr. Software Developer

Project 1: New Account Opening for a leading Investment Bank.

Description: It is their internal system that their Financial advisors used for new client onboarding which helpsthem to automate the onboarding process for their clients.

Responsibilities :

- Writing front-end code like HTML5, CSS3, and Angular for assigned user requirements using React and various other JavaScript frameworks.
- Develop strategies for scaling React applications to handle increased user loads and evolving business needs.
- Manage the application state efficiently using React's built-in state or external state management libraries (e.g.Redux).
- Implement client-side routing using React Router or similar libraries for a seamless navigation experience.
- Implemented OAuth2 and JWT authentication mechanisms in Node.js APIs to secure SAP data access.
- Developed powerful Single Page Applications (SPAs) and dynamic responsive Web Applications with React.
- Involved in creating reusable components and React Router to turn applications into Single Page Application using Angular.
- Developed server-side applications and RESTful APIs using the Express.js framework.
- Implemented routing logic and middleware functions to handle HTTP requests efficiently using Express.js framework
- Developed interactive and responsive user interfaces and web applications using React, creating a seamless and engaging user experience.
- Designed and built applications based on React's component architecture, promoting code reusability, modularity, and maintainability.
- Distinguished between stateful and stateless components in React JS, choosing the appropriate component type based on functional requirements.
- Employed AWS technologies to implement solutions for security, availability, and performance in R e a c t applications.
- Integrated dynamic routing to handle parameters and query strings for more flexible and personalized user experiences in Angular.
- Implemented User Interface using HTML, CSS, TypeScript, and Bootstrap in React JS.
- Utilized Node.js, MongoDB, and Express to create RESTful APIs in the backend.
- Integrated continuous integration and continuous deployment (CI/CD) pipelines to automate the deployment process and ensure a smooth release cycle for both React.js and Node.js applications.

Environment: React, Redux, ReactHooks, TypeScript, Node.js, ExpressJS, MongoDB, Bootstrap, HTML5, CSS3, JavaScript, MySQL server, SAP

Project 2: Logistics application

Client: CraneWW, USA

Description: Crane WorldWide is a Full-Service Air, Ocean, Trucking, Customer Brokerage & Logistics Company. Our system provides one transparent place for clients, employees, vendors and management teams to manage the information they need to be successful.

Responsibilities :

- Designed architecture for UI development using Angular in collaboration with TypeScript for enhanced frontend development.
- Developed modules using Angular and HTML5 to ensure a robust and interactive user interface.
- Created a complete frontend module for Admin using Angular, focusing on modularity and maintainability.
- Implemented a reusable custom table in Angular with advanced features such as custom sorting, paging, and searching using AJAX for optimal user experience.
- Utilized Angular's component-based architecture to enhance code reusability and scalability.
- Integrated Angular services for efficient state management and data retrieval in the frontend.
- Employed TypeScript for enhanced code readability, maintainability, and improved development efficiency.
- Collaborated with the backend team to design and implement RESTful API endpoints using Node.js.
- Utilized Node.js and Express.js to develop server-side logic and efficiently handle HTTP requests.
- Integrated MongoDB for data storage, retrieval, and seamless communication between the frontend and backend.
- Implemented middleware for handling authentication, logging, and error management in Node.js applications.
- Configured Babel for transpiling modern JavaScript features in both Angular and Node.js projects.
- Ensured cross-browser compatibility and responsive design using CSS3 and Bootstrap for a consistent user experience.
- Conducted thorough testing, including unit testing with Jasmine and integration testing, to ensure the reliability of the Angular and Node.js applications.
- Established continuous integration and continuous deployment (CI/CD) pipelines for automated testing, building, and deployment processes.
- Monitored and optimized application performance using relevant tools and technologies in both Angular and Node.js environments.
- Worked in an Agile development environment, contributing to sprint planning, daily stand-ups, and retrospectives for efficient project delivery.
- Ensured adherence to industry best practices and standards in both Angular and Node.js development environments.

ENVIRONMENT: Angular, TypeScript, HTML5, CSS3, Bootstrap, Node.js, Express.js, MongoDB, AJAX, Jasmine, CI/CD, Agile.