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Profile Summary:

- AWS Certified MERN/MEAN Stack Developer with 7.6+ years of hands-on IT experience, I have delivered effective and responsive IT solutions for large and international businesses using cutting-edge technologies such as Kubernetes, Terraform, Azure DevOps and Docker.
- Experience in building highly Responsive, effective and Single Page Application (SPA) UI application using Angular and react.
- Built highly available REST APIs using Express Framework in NodeJS with MongoDB and MySQL / Postgres databases using Mongoose and Sequelize libraries.
- Set up Kubernetes cluster in EKS from scratch and deployed microservices in Kubernetes using Azure DevOps
- I have worked with various AWS services such as EC2, S3, IAM, Lambda, API-gateway, Dynamo DB and RDS.
- Trained, mentored, and technically led team members.
- I am proficient in AGILE model of software development.

Technical Skills:

- Framework: Angular, ExpressJs, React(v17+) and Bootstrap
- Web Technologies: HTML5, CSS, JavaScript (ES6) and Node
- Database: MySQL, MongoDB
- AWS Skills: EC2, S3, IAM, Lambda, API-gateway, Dynamo DB and RDS
- Devops: Kubernetes, Terraform and Docker, Azure DevOps
- Programming Languages: TypeScript and C/C++
- Web Servers: Apache Tomcat Server
- IDE: Visual Studio Code
- Version Control: Git
- OS: Windows, Linux and Unix
- Others: JSON, Putty, WinSCP, and Notepad++

Education:

- B.Tech. Information Technology at Vel Tech Multi Tech Engineering College, Chennai with CGPA aggregate 7.58 [2015].
- XII at Shri Krishnaswamy Matriculation Higher Secondary School, Chennai with aggregate 87.9% [2011].
- X at Shri Krishnaswamy Matriculation Higher Secondary School, Chennai with aggregate 79.6% [2009].

Employment History:

- Currently working as a Specialist in **LTIMindtree** from Aug 2021 to till date
- Currently working as a Lead Engineer in **HCL Technologies Limited** from 04th Mar 2019 to Aug 2021.
- Worked as a Project Engineer in **Wipro Technologies Limited** from 23rd Nov 2015 to 26th Feb 2019.

Projects Worked – LTIMindtree:

Project Title	Infinity (Aug 2021 – Present)
Client	Cloud Coe

Technologies	Angular (v14), Node, Express JS, MySQL, AWS (EC2), AWS (S3), AWS (Lambda) , AWS (api-gateway) , AWS (RDS),Kubernetes, Azure Devops, Terraform, Docker, JavaScript (ES6), Typescript, SCSS, JSON, RxJS(6) , React (v17+)
Tools	Git, WinSCP, Putty

Infinity by LTI Mindtree is a comprehensive multi-cloud platform that offers a set of modern engineering tools and processes for managing the cloud lifecycle. The platform leverages industry blueprints and efficiency kits that cover the Assessment, Migration and Governance stages of the cloud lifecycle to deliver flexibility, speed, and value

Roles & Responsibility:

- As a technical leader, I trained, mentored, and performed code reviews for a team of 10 members.
- Utilized Angular and React frameworks to create web responsive applications for Infinity and Infinity Modernization (Integrated into Infinity) projects respectively,, with Node.js as the backend.
- Developed and deployed the Infinity Modernization Application, a cutting-edge solution that leverages zip files or Git repositories as source code inputs and delivers them to an EKS cluster for seamless integration and scalability.
- Leveraged terraform and Microsoft Open AI to design and implement a scalable and dynamic infrastructure provisioning solution that creates AWS resources on-demand based on user requirements.
- Built a Kubernetes EKS cluster from the ground up and deployed the infinity microservices with Azure DevOps automation.
- Used API gateway and lambda authorizer to secure and validate endpoints. Ensured user requests were authorized and authenticated.
- Conducts research and development for various projects to tackle challenging issues using AWS and MEAN stack technologies.

Projects Worked – HCL Technologies Limited:

Project Title	Assessment Framework Cloud Migration – Cloud Bridge Analyzer (Feb 2020 – Aug 2021)
Client	Cloud Coe
Technologies	Angular (v10), Node, Express JS, MySQL, AWS (EC2), AWS (S3), Docker, JavaScript (ES6), Typescript, SCSS, JSON, RxJS(6)
Tools	Git, WinSCP, Putty

Assessment Framework is Cloud Migration tool suite. It consists of tools used in the process of migration of on-prem assets to cloud environment. CBAAnalyzer is a tool to split/slice monolithic legacy java applications to microservices. CBAAnalyzer provides recommendations and insights for modernizing the legacy applications.

Roles & Responsibility:

- To understand the requirements and estimate the efforts to deliver.
- Involved in enhancing existing features and adding new features.
- Using Angular 10 to build the web application.
- Used angular material UI component library to build the tables, toast and other features in our project.
- Using HighCharts I build highly interactive charts for representation of various kind of data.
- Use bootstrap to build highly responsive (mobile and web) UI application.
- XLSX and CSV Report Generation is done most of the tables.

- Using Docker, I create image for hosting.
- Using AWS EC2 I deploy application for production and for internal demo I deploy the application in AWS S3.
- Build REST Api's using Express Framework in NodeJS using Sequelize Library for MySQL.
- Used joi library to validate the received params.
- Used middleware for authorizing the based on the token received.
- Handle the Global unhandled expectations and log them.
- Involved in Bug Fixing

Project Title	Insights Engines (Mar 2019 – Jan 2020)
Client	Cisco System
Technologies	Angular (v8), Node, Express JS, MongoDB, Docker, JavaScript (ES6), Typescript, SCSS, JSON, RxJS(6)
Tools	Git

Insights engine is the product of Cisco is used for Customer experience team, To list out their network devices as prioritize the condition of device either is in good or faulty condition. It has lot of microservices of cisco have ability to install from the User interface.

Roles & Responsibility:

- To Analyze the requirement and Develop the UI / Frontend using Angular.
- Used Cisco UI component library to build the tables, toast and other features in our project.
- Used Ag-grid for various tables views.
- Build REST Api's using Express Framework in NodeJS using Mongoose library for Mongo DB.
- Used joi library to validate the received params.
- Used middleware for authorizing the based on the token received.
- Handle the Global unhandled expectations and log them.
- Build the product into containers for production deployment.
- Defect fixing and write unit test case.
- Followed AGILE methodology for release.

Projects Worked – Wipro Technologies Limited:

Project Title	Web User Interface (June 2018 – Feb 2019)
Client	Nokia Optics
Technologies	Angular (v6), JavaScript (ES6), Typescript, SCSS, JSON, RxJS
Tools	Git

Project Title	Command Line Interface (Mar 2016 – May 2018)
Client	Nokia Optics
Technologies	C++ and C
Tools	Clearcase

We developed a Web User Interface (WebUI) and CLI that allow human user or an Operations Support System (OSS)

configuring and managing the configuration of 1830 DWDM Photonic Service Switch (PSS). Photonic Service Switch is a Switch which is used for Metro and long-haul transport, Data center interconnect Multicast video.

Roles & Responsibility:

- To understand the requirements and estimate the efforts to deliver.
- Involved in enhancing existing features and adding new features.
- Implementing the requirements in a best way using respective technologies.
- Following the standard process in all phases of development, testing, deployment etc.
- Following coding standards, code style of the project and maintaining code readability.
- Involved in Bug Fixing.
- Involved in support activities.

Personal Details:

Date of Birth	13 th November 1993
Gender	Male
Marital Status	Single
Nationality	Indian
Languages	English, Hindi, Telugu and Tamil
Hobbies	Cricket, Shuttle and Carrom

Declaration:

I do hereby declare that the particulars of information and facts stated above are true, correct and complete to the best of my knowledge and belief.

Place: Chennai
Date:

(Teja Sai Raju R)