SARATH ISANAKA
Web Developer

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Summary

- Around **3+** years of experience in developing web applications using **HTML5**, **CSS3**, **Java Script**, **React JS**, **Redux**, **Node.JS**, **Express, AWS Cloud, Microservices** and **RESTful APIs**.
- Good knowledge of **Data structures**, **Algorithms**, and object-oriented programming
- Experienced in **MERN** stack development **MongoDB**, **Express**, **Node** and **React**.
- Experienced in **React JS** to develop **SPA** and working with **React Flux** Architecture.
- Experienced in working with **Redux** library to manage application state and improve performance.
- Experienced in Node environment using **Node.js** and **NPM**.
- Experience in AWS platform and its features including **IAM, EC2, Dynamo DB**, **Cloud Watch, Cloud Formation, API gateway, S3, SQS, SNS** and **Lambda**
- Expertise in debugging and troubleshooting existing code using **Chrome**, **Firefox**, **React** and **Redux DevTools**.
- Well equipped with **SDLC** cycle flow of an application development: design, analysis, coding and testing, and experience with **Agile.**
- Experience in building **CI/CD** pipelines using **Azure DevOps.**
- Experience in version control tools like **Git** and **GitHub**.

Work Experience

Developer	**GalaxE.Solutions**	**Aug 2021 – Present**

- Worked on **Microservices** based Architecture built on **React.JS, Node.JS** and **AWS.**
- Analyzed business requirement to translate functional requirements to technical requirements and developed web applications using **MongoDB, Express, React.Js/Redux and Node.js (MERN stack)**
- Built server side rendered web applications using **Node Js** and **Handlebars.**
- Responsible for implementing UI mockups, integrating third party React libraries, and handling/creating Redux store data.
- Worked on **Routing**, **middleware**, **cookies** and **sessions** in Express, ensured secure http requests
- Worked in **TDD** (Test-Driven Development) and performed testing using **Jest** & **Enzyme** for the frontend and **Mocha** & **Chai** for the backend (Node JS).
- Worked on **UX-Library component** consisted of Button, Checkbox, Input, Icons, Toggle Button, Dropdown and many more using the **React JS** and **Bootstrap** framework.
- Involved in all the stages of Software Development Life Cycle like **Application Design, Development, Debugging** and **Testing** all applications.
- Built pipelines using **Azure DevOps** for **continuous integration and continuous delivery/continuous deployment**
- Involved in daily **SCRUM** meetings and Coordinated with **QA** team, used **Agile** methodologies for software development

Application Development Analyst   **Accenture India**   **Dec 2018 – Aug 2021**

- Identified **web-based user interactions** and developed highly-responsive user interface components using **React concepts**.
- Translated **designs** into high-quality code and wrote application interface code using **React JS workflows** and used **react-router** to turn applications into **SPA**.
- Worked with backend developers to optimize existing **API endpoints** to create efficiencies by deprecating unneeded API endpoints. Involved in bug fixing and resolving issues with QA.
- Integrated server-side with client-side using **RESTful** services **HTTP** methods.
- Troubleshot application interface and debugged code to improve **functionality** and **performance** by 50%.
- Identified the required **libraries** and **frameworks** to implement the application based on client requirements.
- Worked on **UX-Library component** consisted of Button, Checkbox, Input, Icons, Toggle Button, Dropdown and many more using the **React JS** and **Bootstrap** framework.
- Created **models** and **schemas** for backend application based on **Node.Js** and **Express** using **Mongoose** ORM for **MongoDB**.
- Analyzed and tested DOM layout, JS functions, CSS for **cross-browser compatibility** using **chrome** and **firefox devTools**. Tested app **components** and **state** using **react** and **redux developer tools**.

Technical Skills

Web Technologies & Frameworks: HTML5, CSS3, Java Script (ES6+), Typescript, JQuery, AJAX, Bootstrap, React JS, Redux, Node.Js, Websockets, NPM, Express.Js, AWS Cloud, Azure DevOps

Unit Testing Frameworks & Libraries : Jest, Mocha, Enzyme, Chai

Databases: MongoDB – Mongoose.js (ORM), MySQL, MSSQL and Dynamo DB

Debugging Tools: Chrome, Firefox, React and Redux DevTools

Versioning and other Tools: Git, Github, Jira, MySQL Workbench, Microsoft SQL Server Management Studio 18

API Development Tools: Postman   **Code Editors:** Visual Studio Code, Visual Studio 2017

Education

Bachelor of Technology in Electronics and Communication Engineering
ANURAG University (formerly CVSR College of Engineering)   **2014 – 2018**