SAI BHAVANA HANUMANTHU

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(972) 666-7476

Frontend Developer

Professional Summary:

➢ Around **5 years** of experience as **UI Developer** in analysis, design and development of various enterprise and **web-based applications.**

➢ Expertise in developing front-end systems with **JavaScript, TypeScript**, **SQL**, **Bootstrap**, **HTML5**, **CSS3** and **MVC** frameworks such as **Angular JS**, **React JS** etc.

➢ Designed and developed **HTML Wrappers** using HTML5, CSS3 and JavaScript.

➢ Used **Angular 12** custom Directives for reusable **DOM** manipulation and Services to implement Dependency Injection.

➢ Strong Knowledge on **ReactJS** and **NodeJS** architecture using Object Oriented concepts in enhancing the performance of the web.

➢ Created **TypeScript** reusable components and services to consume **REST API's** using Component based architecture provided by Angular 9.

➢ Proficient in creating captivating **Single Page Applications (SPAs**) with **React JS**, integrating responsive design libraries like **Tailwind** and **Bootstrap** for optimal user experience.

➢ Skilled in advanced CSS Techniques such as **CSS Background**, **positioning**, **text formatting**, and **border manipulation.**

➢ Well-versed in **server-side** technologies such as **Java, Node.js, and Python**, ensuring seamless integration between **frontend and backend systems** for robust application performance.

➢ Involved in using **React.JS** components, Forms, Events, Keys, Router, Animations and Flux concept.

➢ Developed Applications Using **CSS 3 Media Queries, SASS** and **LESS** and Incorporate the **AJAX scripts** to improve the performance of the page.

➢ Implemented **web services** (both **SOAP** and **RESTful**) to ensure secure and efficient data transmission in **XML/JSON** format, maintaining robust communication between frontend and backend systems.

➢ Highly skilled in version control using **Git** and proficient in bug tracking and management utilizing tools like **JIRA**, ensuring seamless collaboration, and streamlined development processes.

➢ Proficient in **AWS cloud deployments**, utilizing services like **EC2**, **S3**, and **Lambda** for scalable and resilient application hosting, benefiting from AWS's elasticity, high availability, and broad service offerings.

Technical Skills:

Languages	JavaScript, TypeScript, HTML/HTML5, Python, Java
Web Development	Bootstrap, Tailwind CSS, CSS3, RESTful APIs, GraphQL

Testing Tools	Jest, Jasmine, Karma, Cypress
Databases	MySQL, DB2, Oracle, MS SQL Server, PostgreSQL
Tools & IDEs	JIRA, Postman, Visual Studio Code, IntelliJ IDEA
Cloud & Deployment Technologies	AWS, Azure, Docker, Kubernetes, CI/CD pipelines
Version Control	Git, Bitbucket
Methodologies	Waterfall, Agile, SCRUM
Operating system	Windows, Mac OS x, Linux

Education:

- ➢ **Master's in Computer Science (University of North Texas, Denton, Texas)**
- ➢ **Bachelor's in Information Technology (VRSEC, Kanuru, India)**

Work Experience:

Client: Verizon, Tx   **Sept 2021 – Current**
Role: Front-end Developer

Responsibilities:

- ➢ Developed dynamic web applications and intuitive user interfaces using **HTML**, **CSS**, **JavaScript**, TypeScript, and **React** to optimize component rendering and state management efficiently.
- ➢ Implemented **lazy loading** and efficient **TypeScript** scripting, adhering to **ES6** standards, to expedite application delivery and improve load times.
- ➢ Streamlined API development and testing workflows by utilizing **Postman** for creating, sharing, and managing API requests.
- ➢ Utilized **Angular 14's API** for dynamic component creation to build dynamic and responsive user interfaces.
- ➢ Used **Bootstrap** and Media queries to create **responsive web design (RWD**) and worked with **CSS3** preprocessors such as **SASS** and **LESS**.
- ➢ Orchestrated insightful technical workshops, enhancing the development team's expertise in the latest **JavaScript** features, **ES6** enhancements, and best practices in **React** ecosystems.
- ➢ Maintained states in the stores and dispatched the actions using **redux**.
- ➢ Worked on **React JS Virtual Dom and React views**, rendering using components which contains additional components called custom HTML tags.
- ➢ Successfully redesigned an **e-commerce** website using **Bootstrap**, leading to a 20% increase in mobile traffic and improved user experience across devices.
- ➢ Develop and maintain backend systems using **PostgreSQL**, **MySQL** databases, including schema design, query optimization, and data migration.

- ➤ Utilized **AWS** services (**EC2**, **S3**, **RDS**) for hosting front-end and Node.js/Java backend, ensuring scalability.
- ➤ Used **JIRA** to keep track of bugs to reduce downtime, increase productivity, and improve communication.
- ➤ Set up a **CI/CD pipeline** using **Jenkins**, ensuring seamless integration with backend servers written in **Python**, and consistent, secure code deployment.
- ➤ Adopted **Agile methodologies** to oversee project cycles, focusing on delivering quality features within sprint timelines and fostering an environment of continuous improvement.

Client: Capgemini, India   **Jun 2020-Jun 2021**
Role: Frontend Developer

Responsibilities:

- ➤ Contributed to the creation and upkeep of web applications with **React**, focusing on writing clean, maintainable, and efficient code.
- ➤ Developed responsive web designs to ensure seamless user experiences on a wide range of devices and screen sizes.
- ➤ Worked closely with senior developers and **UI/UX** designers to convert **wireframes** and **mock-ups** into fully functional web pages.
- ➤ Built **APIs** to facilitate smooth and efficient communication between front-end and back-end systems.
- ➤ Set up **CI/CD** pipelines to automate building, testing, and deployment, enhancing the speed and reliability of software releases.
- ➤ Utilized **React JS** to develop dynamic and responsive user interfaces, and **Redux** for effective state management within applications.
- ➤ Engaged in code review processes, offering feedback and learning industry best practices from team discussions.
- ➤ Experience in using **Git** for version control and managing project repositories and coordinating with team members.
- ➤ Integrated **RESTful APIs** to extend the functionality and performance of web applications.
- ➤ Actively involved in **Agile/Scrum** methodologies, contributing to **sprint planning**, daily stand-up meetings, and retrospectives.
- ➤ Utilized version control systems (**Git, GitHub**) to manage codebase, track changes, and collaborate effectively with team members.