Koushica Bosadi Ulaganathan

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SUMMARY

Resourceful **Software Engineer** with over **4 years of experience**, specializing in web application development using various modern programming languages. Proven skills in data structures, algorithms, and JS frameworks such as Vue, React, and Node. Excellent communication and presentation skills, with a curiosity for new opportunities.

SKILLS & QUALIFICATIONS

Javascript, Vue.js, React.js, HTML, CSS, Figma, Omni CMS, Drupal, JQuery, Tailwind CSS, TypeScript, Node.js, Git, Visual Studio Code, Data Structures & Algorithms, Canva, Java, Tableau, Object Oriented Programming, JSON, Web Application Development, MySQL, MongoDB, AJAX**.**

PROFESSIONAL EXPERIENCE

Company: Freelancing   **Jan 2022 - Feb 2024**
Role: Software Engineer   **Remote**
- Developed cross-browser **HTML5, CSS3, and JavaScript** for single-page layouts, adhering to code standards.
- Enhanced pages with **React.JS**, adding form validation, CRUD, grid lists, search, sorting, pagination, multi-selection, tags input, custom directives, authentication, and unit tests.
- Built robust web applications with **Node.JS**, enabling efficient two-way client-server communication and data exchange.
- Enhanced React app loading time by 22% using code splitting and lazy loading, boosting user engagement.
- Reduced SVG bundle size from 3MB to 320KB, improving site performance and user experience.
- Developed TypeScript wrappers, increasing user retention by 15% and satisfaction.
- Created a markdown package in **ReactJs,** reducing content creation time by 20%.
- Redesigned the UI/UX of a website using **Figma**, resulting in a user-friendly interface.
- Utilized technologies such as **Typescript, Javascript, Reactjs, and Tailwind CSS** to drive innovation and growth.
- Improved application performance by 30% through proficient Node.js development.
- Decreased production issues by 30% and increased customer satisfaction by 20% through effective code debugging and troubleshooting.

Skills: HTML5, CSS3, Javascript, ReactJs, Node.js, TypeScript, Tailwind CSS, Figma, Git, GitHub, MongoDB.

Company: Zoho Corporation   **Aug 2019 - Nov 2021**
Role: Software Engineer   **Chennai, India**
- Worked in an agile environment to deliver higher-quality software far more rapidly
- Involved in analysis, specification, design, implementation, and testing phases of the **Software Development Life Cycle (SDLC)**, ensuring comprehensive and high-quality website.
- Developed responsive UI pages using **HTML5, CSS3, JavaScript, JSON, and jQuery**, ensuring seamless functionality and user experience.
- Implemented dynamic features and data handling with **AJAX**, enhancing interactivity and performance.
- Revamped our product for improved efficiency using **Vue.js**, leveraging both **Vue2 and Vue3** for advanced development purposes.
- Reduced page load times by 40% by resolving memory leakage and performance issues.
- Collaborated with backend teams to optimize data flow, improving website responsiveness.
- Developed user-friendly chatbot features with Vue.js, enhancing user experience and accuracy.
- Created a UI for configuring rules using Vue.js, incorporating multi-level dropdowns for efficient customer interaction.
- Designed reusable components (inputs, calendar, dropdowns, forms) using both Javascript and Vue.js.
- Demonstrated excellent communication skills, collaborating with clients to bring their vision to life.
- Used **Git** for version control, making team collaboration 20% better and cutting development time by 10%.

Skills: HTML5, CSS3, Javascript, Vue.Js, Git

EDUCATION

M.S, Information Systems & Technologies | GPA: 4 | University of North Texas | **May 2024**
B.E, Electronics and Communication Engineering | GPA: 3.2 | Velammal College of Engineering & Technology | **April 2019**