Koushica Bosadi Ulaganathan

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SUMMARY

Resourceful **Software Engineer** with over **3 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, HTML5, CSS3, Figma, Zeplin, JIRA, Omni CMS, Drupal, JQuery, Tailwind CSS, TypeScript, Node.js, Git, GitHub, Visual Studio Code, Data Structures & Algorithms, Canva, Java, Tableau, Object Oriented Programming, JSON, Web Application Development, MySQL, MongoDB, AJAX**.**

PROFESSIONAL EXPERIENCE

One Community | Software Engineer | Remote | Oct 2024 - Present
- Reviewed 40+ pull requests weekly across front-end and back-end codebases, ensuring high-quality contributions using a tech stack including React.js, Node.js, MongoDB, and TypeScript.
- Designed and implemented a dynamic page title component using React Router, improving SEO and navigation consistency across the application.
- Developed a Map feature to display global active employees, leveraging React, HTML/CSS, and MongoDB, which enhanced site functionality and user experience for 100+ users.
- Collaborated on both front-end and back-end development, optimizing site responsiveness and ensuring cross-device compatibility.

Skills: React.js, Node.js, TypeScript, MongoDB, HTML5, CSS3, JavaScript, Agile Development, CI/CD, GitHub.

Vezham | *Software Engineer* **| Remote | June 2022 – Jan 2023**
- Made key technical decisions in adopting React.js and TypeScript for developing a customizable product tour feature, reducing onboarding time by 30% and improving user engagement.
- Drove performance enhancements in React.js apps by 22%, leading the team's adoption of code splitting and lazy loading techniques, significantly optimizing user experience across devices.
- Architected and implemented TypeScript wrappers for React.js, which increased codebase scalability and boosted user retention by 15%, enabling long-term product growth.
- Spearheaded the creation of a custom markdown package in React.js, reducing content creation time by 20% and improving efficiency for content teams.
- Integrated Node.js, boosting server response times by 30% and overall application performance.
- Reduced production issues by 30% and improved customer satisfaction by 20% by leading a team-wide initiative on proactive debugging and issue resolution.

Skills: React.js, Node.js, TypeScript, HTML5, CSS3, JavaScript, Tailwind CSS, Figma, Git, GitHub, MongoDB, JIRA.

Zoho Corporation | *Software Engineer* **| Chennai, India | Aug 2019 – Nov 2021**
- Revamped front-end architecture by migrating to React.js, reducing page load times by 40% and eliminating performance bottlenecks.
- Developed a real-time chat application using React.js and Redux, improving scalability and enabling modular state management, which enhanced feature delivery.
- Built a visitor tracking system for 2000+ users, leveraging React.js to optimize engagement by tracking user behaviors and prioritizing interactions.
- Enhanced dynamic content loading and interactions using AJAX, making the UI more interactive and responsive.
- Designed reusable React.js components, accelerating development for new features and maintaining consistency across product areas..
- Delivered high-quality software in an agile environment, leading regular sprints and utilizing Git for efficient version control and collaboration.

Skills: React.js, Redux, JavaScript, HTML5, CSS3, Git, Zeplin

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**