

Koushica Bosadi Ulaganathan

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Professional Summary

Motivated Software Engineer with over **4 years** of hands-on experience, dedicated to leveraging technology to create innovative solutions for clients. Skilled in HTML, CSS, JavaScript, Node.js, MySQL, and diverse frameworks, with a proven track record of leading cross-functional teams and delivering projects on schedule. Seeking a **Software Engineer** position to apply my programming and debugging expertise toward enhancing application scalability, reliability, and usability.

Skills

- **Programming:** Javascript(VueJs, ReactJS, Node.js), HTML, CSS, Java, Python, Tailwind CSS, TypeScript
- **Software Tools:** Visual Studio, Git, Drupal, Omni CMS, Canva, Figma, Tableau
- **Databases:** MySQL | Oracle PL/SQL
- **Technical skills:** Object Oriented Programming, Data Structures, JQuery, JSON parsing & formatting
- **Soft Skills:** Organized, Team player, Active Listening, Adaptability, Detail-oriented, Leadership

Experience

University Of North Texas

Jan 2024 - May 2024

Graduate Assistant

Denton, Texas

- Managed department website using Drupal and Omni CMS, improving web development proficiency.
- Coordinated multiple programs, ensuring smooth operations and effective volunteer management.
- Enhanced the center's online presence, boosting social media engagement and audience reach.
- Coordinated volunteer programs, ensuring smooth operations and high engagement.
- Maintained accurate web content, improving user experience and accessibility.

Freelancing

Jan 2022 - Sept 2023

Software Engineer

Remote

- 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%.
- Improved UI/UX with Figma, resulting in a more 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.

Zoho Corporation

Aug 2019 - Nov 2021

Software Engineer

Chennai, India

- Achieved a 40% reduction in page load times by addressing memory leakage and performance issues.
- Collaborated with backend teams to optimize data flow, improving website responsiveness.
- Developed 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 vanilla JS 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%.

Education

Master's in Information Systems & Technologies

GPA: 4.00

University of North Texas, Denton, TX

May 2024

Achievements

- Featured as a "[Great Grad of Spring 2024](#)" on UNT's website for outstanding academic performance, leadership, and contributions to the campus community.
- Won **First prize** in the event "**Southern District Skill Summit**" held at Government ITI, Madurai, India on 10th October 2017.