

Durga Rajeswari Talluri

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Professional Summary

Front-End Software Engineer with 3+ years of experience developing enterprise-grade, scalable web applications using React, TypeScript, JavaScript, and SAP UI5. Proven track record leading UI migrations, optimizing performance, and deploying production systems to Azure. Skilled in Agile development, accessibility best practices, and component-driven architecture. Holds a Master's degree in Computer Science, combining deep technical knowledge with hands-on engineering experience. Seeking to drive front-end leadership, innovation, and design excellence in a senior engineering role on a high-impact team.

Work Experience

Web Developer (Internship), University of Alabama at Birmingham September 2024 – Present

- Enhanced SEO performance and improved site rankings by 15% through front-end development using Joomla, HTML, CSS, and JavaScript.
- Managed and executed 20+ departmental web requests via Asana, ensuring timely updates, uptime, and functionality across university websites.
- Built mobile-first, responsive websites, improving accessibility and cross-device compatibility.

Software Engineer, Incture Technologies April 2022 - December 2023

- Led the migration of legacy SAPUI5 apps to ReactJS, reducing front-end load times by 40% and cutting development time for new features by 30%.
- Optimized UX flows through process mapping, increasing task completion efficiency and improving system performance by 10%.
- Deployed production applications to Azure, maintaining 99.9% uptime and achieving consistent and reliable release cycles with minimal manual intervention streamlining CI/CD pipelines.
- Contributed to Agile ceremonies, mentored junior developers, and facilitated cross-functional code reviews to maintain high development standards.

Associate Software Engineer, Incture Technologies October 2021 - March 2022

- Developed scalable SAPUI5 and React frontends deployed via Azure, aligned with enterprise UX and ensuring 100% adherence to client requirements.
- Built reusable, component-based UI architecture in React, reducing UI bugs by 25% and accelerating development cycles.
- Collaborated with UX designers to translate user needs into intuitive, accessible interfaces.

Education

University of Alabama at Birmingham – Master's in Computer Science | CGPA: 3.8 December 2025

Relevant Coursework: Machine Learning (ML), Deep Learning (DL), Artificial Intelligence (AI), Foundations of Data Science (FDS)

National Institute of Technology Jamshedpur – Bachelor of Technology (Hons) in Computer Science & Engineering May 2021

Skills

Programming & Web Development: JavaScript, TypeScript, Python, SQL, HTML5, CSS3, Node.js, REST APIs

Front-End Development: ReactJS, Next.js, Redux, TailwindCSS, Motion, SAPUI5, Joomla

Testing & CI/CD: GitHub Actions, Jest, Git, Agile workflows

UI/UX Design: Responsive Design, Accessibility, UI Optimization, UX Flow Mapping

Achievements

- Mountain Movers Award: Recognized for exceptional contributions to project success at Incture Technologies.
- JEE Main Rank: Achieved rank of 8288 (Open) in 2017.