

Saumya Jain

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Proficient Sr. Software Developer with 5+ years of experience building scalable, high-performance web applications using Angular, TypeScript, and RESTful APIs. Expertise in cloud-native solutions (AWS, OpenShift), micro frontends, and agile software delivery. Proven track record of leading UI teams, mentoring junior developers, and delivering enterprise-grade front-end architecture. AWS Certified Developer - Associate.

Experience

Virtusa Corporation (Client: PNC Bank)

Lead Software Engineer – Front End (Nov 2020- Present)

- Created and continuously maintain 5+ Angular schematic libraries that serve as the foundation for most PNC's web UI applications, enabling scalable and standardized front-end development across multiple teams.
- Designed and developed RESTful APIs and server-side rendering workflows using Next.js and TypeScript, improving API response performance by 20%.
- Architected reusable UI components and enforced scalable code standards using Angular CLI, NgRx for state management, and SCSS for styling.
- Improved team productivity and code maintainability by 25% by mentoring junior developers, conducting code reviews, and implementing Git flow best practices.
- Built and maintained CI/CD pipelines with Jenkins and Docker, integrating test automation tools like Jest and Karma to reduce production issues by 30%.
- Collaborated with cross-functional teams following Agile (Scrum) practices, achieving a 90% resolution rate for business-critical features.
- Authored internal documentation and delivered knowledge-sharing sessions to accelerate onboarding and ensure codebase consistency.

New Jersey Institute of Technology

Graduate Assistant – Office of Academic Affairs (Sep 2019 - Jan 2020)

- Conducted data analysis and behavioral trend assessments to identify key factors influencing academic performance and student retention.
- Created detailed student profile dashboards using Microsoft Excel, aiding the accreditation administrator in program evaluation and student support initiatives.
- Led student development workshops using Makerspace and LEGO-based OOP activities, fostering engagement with software development fundamentals.
- Implemented targeted outreach strategies that improved first-year graduate student engagement and retention by 20%.

Mind strength Inc.

Full Stack Developer (May 2017 - Feb 2018)

- Developed and supported scalable enterprise applications using Angular 4, Java, Spring MVC, and PostgreSQL in an Agile development environment.
- Improved application performance by 25% by optimizing RESTful API interactions, reducing page load times, and enhancing data caching strategies.
- Created dynamic front-end components with JavaScript and Angular and integrated them with backend services using SQL Server.
- Contributed to automated test coverage using Jasmine, Karma, and Selenium to improve application reliability and catch regressions early.
- Boosted front-end development efficiency by leveraging npm libraries and modular architecture principles for maintainable codebases.

Portfolio & Projects

- **Personal Website** – saumya-jain-portfolio.vercel.app : Built with React and SCSS, this site highlights elected front-end projects, UI component designs, and technical blogs
- **Multigame Platform** – multigame-platform.vercel.app : Modular Angular-based platform designed to host and launch multiple browser games in one interface. Demonstrates dynamic routing, reusable layout structure, and responsive component design
- **The Last Land Game Tracker** - the-last-land-analytics.vercel.app/ : Full-stack analytics dashboard developed with React and Firebase to track troop performance metrics in “Last Land: War of Survival.” Actively used to optimize strategy and team coordination

Skills

- **Certifications:** AWS Developer- Associate (DVA-C02), Issued Sept 2024
- **Front-End Technologies:** Angular (2+ to 15), ReactJS, TypeScript, JavaScript, HTML5, CSS, SCSS, Tailwind CSS, NgRx, RxJS, Redux, Next.js, Webpack, Jest, Karma, Jasmine, Storybook
- **Back-End & Full Stack:** Node.js, Express.js, Java, Spring MVC, PostgreSQL, NoSQL, MongoDB, Firebase
- **Cloud & DevOps:** AWS (EC2, DynamoDB, S3), Jenkins, Docker, Kubernetes, OpenShift (OCP), RedHat, CI/CD pipelines, SonarQube
- **Tools & Testing:** Git, GitHub, Bitbucket, npm, JUnit, Selenium, ESLint, Visual Studio Code, IntelliJ IDEA
- **Project Management & Process:** JIRA, Agile/Scrum, SDLC
- **UX & Performance:** Responsive Web Design (RWD), SEO Optimization, A/B Testing, Accessibility (WCAG)
- **Soft Skills:** Mentorship, Collaboration, Code Reviews, Time Management, Communication, Critical Thinking

Education

Master of Science in Computer Science

New Jersey Institute of Technology (NJIT), Newark, NJ - May 2020

Bachelor of Technology in Computer Science

Mody University, Rajasthan, India - May 2016