

Saumya Jain

Sr. Software Engineer - Frontend

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New Jersey, NJ | +19732812451

Innovative Frontend Engineer with 4 years' experience designing and coding UI and Node.js solutions. Proven ability to develop creative solutions to complex business issues, notably creating angular schematic and builder libraries. Reliable leader skilled in managing cross-functional teams for high-quality results.

Work Experience

Sr. Software Engineer – Front End

Nov 2020 - Present

Virtusa Corporation (PNC Bank)

- Developed and launched 5 Angular schematic libraries based on Microservices design on the cloud (OCP) to improve scalability and efficiency.
- Boosted team productivity by 25% and code quality by 20% via coding standards enforcement, code reviews and team mentoring.
- Improved Responsive design and UX by 20% through performance quality testing frameworks and optimizing web app CLI interactions following best practices.
- Implemented techniques like Signal and State Management, Accessibility, Cross-browser Compatibility and Event hub
- Achieved a 95% resolution rate for urgent business requests within set timelines.
- Used server-side rendering skills to develop 5 RESTful servers, improving real-time analytics and accelerating market trend responses by 20%.
- Worked with various teams to resolve and troubleshoot issues during the migration to Angular 16, ensuring seamless integration and deployment.
- Spearheaded the upgrade automation of internal applications enhancing load times, web performance, and code quality.
- Oversaw project milestones, API Designing, and Wireframing, and coordinated with design teams for improved web and app performance.
- Performance Optimization and pipeline management to increase web performance by analyzing scaffolded projects ready for deployments.
- Participated in Agile development methodologies, scrum activities, and team meetings, enhancing project efficiency with innovative ideas.

Graduate Assistant

Sep 2019 - Jan 2020

New Jersey Institute of Technology | NEWARK, NJ

- Conducted comprehensive planning, data analysis, and behavioral pattern analysis of student performance, providing insights to enhance academic programs.
- Assisted accreditation administrator in creating student profile sheets for incoming applicants using Microsoft Excel
- Oversaw undergraduate projects and initiatives such as Makerspace and Lego build-unbuild at NJIT to aid freshmen in learning software development.
- Developed and implemented strategies to improve student retention and success rates for first-year graduate students in engineering programs resulting in a 20% student engagement increase.

Full Stack Developer

May 2017 - Feb 2018

Mindstrength Inc., NEW DELHI, INDIA

- Maintained modern scalable applications utilizing Java, Angular, Postgres, Spring MVC, and TypeScript, ensuring robust performance and reliability.
- Played a key role in the development, testing, and maintenance of Angular 4 web applications, contributing to improved user experiences and client satisfaction.
- Developed client-side JavaScript modules for webpack integration with SQL queries, enhancing application functionality and performance.
- Utilized React-based applications for development, debugging, and testing, leveraging Java and npm for efficient web-based programming.

Core Skills

Technical

- MEAN stack expertise - Angular, NodeJS, Express and MongoDB.
- Strong Experience with Responsive Web Design (RWD) patterns.
- Experience in NgRx, NextJS, Reactive programming (RxJS), Observables & Webpack.
- Deployment, Testing, Debugging- Jenkins, Jest, RedHat, Kubernetes, SonarQube.
- HTML, CSS, Bootstrap, JavaScript, Material UI and Typescript based frameworks.
- Version Control systems- npm, GitHub, Bitbucket, DevOps.
- Application hosting, CI/CD pipelines and Website (SEO) optimization.

Professional

- Time-management, Organization and Attention to detail.
- Communication skills, strong problem-solving skills, and adaptability.
- Critical thinking and Collaborative skills.

Education

Master of Science in Computer science

Aug 2018 - May 2020

New Jersey Institute of Technology, Newark, NJ

Bachelor of Science in Computer Science

Aug 2012 - May 2016

Mody University, Rajasthan, India