

# SAUMYA JAIN

Lead Software Engineer | Angular & React Specialist | AWS Certified

Jersey City, NJ | (973)281-2451 | saumyajn1994@gmail.com | [LinkedIn](#) | [Portfolio](#)

---

Lead Full Stack Software Engineer with advanced experience in Angular and Node.js for enterprise finance systems. Developed a core UI component library adopted by 300+ apps, reducing project setup time and boosting consistency. Engineered backend microservices and developer tools that streamlined monitoring. Ready to build efficient, scalable solutions for your team.

## TECHNICAL SKILLS

**Frontend:** Angular (v2 - v20), NgRx, React.js, Next.js, TypeScript, JavaScript, Tailwind CSS, MUI, Redux, Storybook, Micro-frontends, Webpack, HTML, SCSS.

**Backend:** Node.js, Express.js, Java, Spring Boot, Microservices, PostgreSQL, MongoDB, Redis, Elasticsearch.

**Cloud & DevOps:** AWS Certified Developer (Associate), Docker, Kubernetes, OpenShift, Jenkins, CI/CD, DynamoDB, S3

**Testing & Tools:** Jest, Karma, Jasmine, Selenium, Git, SonarQube, JIRA, Agile/Scrum

## CERTIFICATIONS

**AWS Certified Developer – Associate (DVA-C02)** | Issued: Sept 2024

## PROFESSIONAL EXPERIENCE

**Lead Software Engineer** | Virtusa Corporation (Client: PNC Bank)

*Nov 2020 - Present*

- Architected 6+ Angular schematic and component libraries establishing the internal UI framework for 300+ web applications, reducing new project setup time by 70% and ensuring cross-platform technical compliance and zero-vulnerability deployments.
- Delivered an internal developer portal backed by MongoDB, Elasticsearch, and Redis streaming to unify cross-team visibility into application metrics, saving engineering teams approximately 3-4 hours per week in investigation time.
- Led quarterly research initiatives to ship framework improvements, seamlessly moving technologies like reactive state management from prototypes to production within single sprints.
- Engineered RESTful telemetry services acting as mandatory CI/CD pipeline gates (Jenkins, Docker) for 300+ applications, enforcing framework compliance and integrated automated testing to reduce production defect rates by 30%.
- Improved API response performance by 20% by engineering high-speed Server-Side Rendering (SSR) workflows with Next.js and TypeScript, eliminating client-side render blocking on high-traffic banking pages.
- Resolved 90%+ of production support requests within SLAs across Retail and Commercial applications and accelerated new engineer ramp-up time by 30% through active mentorship, strict Git flow standards, and comprehensive documentation.

**Full Stack Developer** | Mind Strength Inc

*May 2017 - Feb 2018*

- Cut average page load time by 25% through RESTful API optimization and client-side data caching strategies, directly improving user retention metrics.
- Accelerated feature delivery by introducing modular npm-based architecture across the Node.js/Angular stack, reducing average time to integrate new capabilities.
- Eliminated a category of late-stage bugs by establishing automated regression coverage with Jasmine and Selenium, catching defects before they reached QA.

## PROJECTS

- **Turing Shell Protocol | Angular, Node.js, Python:** Built a real-time “Human or Bot” evaluation platform using Angular 20 Signals and a Python NLP microservice; architected for sub-100ms interaction latency. Published technical writeup on [Medium](#).
- **Arcade Stack - Real-Time Gaming Architecture | React:** Engineered a modular browser gaming platform with sub-frame-latency game state management via custom React hooks and aggressive code-splitting - achieving smooth performance across complex, concurrent game states.
- **Pages of Flavor | MEAN Stack:** Developed a CMS and authentication platform with Firebase-backed RBAC, real-time publishing, and dual-database content workflows.

## EDUCATION

**Master of Science, Computer Science** | New Jersey Institute of Technology (NJIT), USA | *Aug 2018 – May 2020*

**Bachelor of Technology, Computer Science** | Mody University, India | *July 2012 – May 2016*