

SAMRIDHI SINGH

Seattle, Washington

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Software Engineer with over 5 years of experience in full-stack and front-end development. Proven expertise in designing scalable applications, developing intuitive user interfaces, and optimizing system performance. Adept at collaborating with cross-functional teams to deliver high-quality software solutions that address real-world challenges. Passionate about optimizing user experience and driving measurable results.

PROFESSIONAL EXPERIENCE

Tata Consultancy Services, Bengaluru, India 2021 – 2022

Software Engineer

- Improved client’s internal invoicing system by optimizing data flow and automating invoice generation, resulting in a 33% conversion rate increase.
- Developed a mobile-first responsive website using AngularJS and Bootstrap, increasing internal traffic by 20%.
- Led the migration of a multi-page user interface into a single-page app using AngularJS, working closely with design and QA teams, boosting user engagement by 10%.

IBM Technology, Bengaluru, India 2020 – 2021

Software Engineer

- Led the development of a learning management system using Java and Angular, enabling efficient tracking of employee training, which increased employee training completion rates by 40%.
- Worked with UX/UI team and DBA to streamline manual claim processing through automation and improved interfaces, reducing processing time by 25%.
- Developed reusable unit tests with Karma-Jasmine for Angular applications, improving bug detection efficiency by 35%.

Zensar Technologies, Pune, India 2017 – 2020

Software Engineer

- Contributed to the full product lifecycle, from concept to development, for various modules of an analytics platform, serving over 2000 users. Leveraged Django and AngularJS to ensure seamless user experience.
- Collaborated with developers to implement scalable RESTful APIs in Django, improving reporting speed by 50% for the internal analytics team.
- Developed a highly responsive front-end interface using AngularJS for a defect prediction system, achieving 98% model accuracy in collaboration with the data science team.
- Mentored 6 junior front-end developers on AngularJS, code review processes, and documentation best practices, resulting in improved team performance and higher review ratings in the next cycle.

EDUCATION

Northeastern University, Seattle, USA Expected Graduation May 2025

Master of Science, Computer Science | GPA: 4.0

- Relevant Courses: Algorithms, Program Design Paradigm, Mobile Development, DBMS, Distributed Systems, Foundations of Software Engineering, Machine Learning, Cloud Computing

Rajiv Gandhi Proudhyogiki Vishwavidyalaya, India 2017

Bachelor of Engineering (Honors), Computer Science | GPA: 8/10

- Awards: Scholarship for Industrial Training (provided to top 2 students in the university)

SKILLS & OTHER

Programming Languages: Java, Python, JavaScript, AngularJS, Flutter, HTML, CSS, SQL

Frameworks & Tools: Django, Spring Boot, Karma-Jasmine, RESTful APIs

Cloud & DevOps: AWS (EC2, S3, Lambda, IAM, VPC, Load Balancer), Docker, CI/CD Pipelines, Git, Jenkins

Databases: MySQL, PostgreSQL, Firebase, Redis

Other Technologies: Agile/Scrum, Microservices, UI/UX, Material Design, Bootstrap

Interest: Reading, Movies, Traveling, Sport - represented state Basketball team in India