Ansh Sharma

Address: Tempe, AZ • (480) 370-9076 • ashar479@asu.edu • https://www.linkedin.com/in/anshsharma120601/ • website • github

SUMMARY

Software Engineer | Full Stack Developer | Scrum Master | React.js, Java, Python, AWS, Salesforce | Published IEEE Author

EDUCATION

M.S. in Software Engineering	May 2025
Arizona State University, Tempe, AZ	3.85 GPA
B.S. in Electronics and Communication Engineering	May 2023
Netaji Subhas University of Technology (Formerly AIACTR), New Delhi, India	8.32 CGPA

WORK EXPERIENCE

EyCrowd, San Francisco, CA: Software Engineer / QA Intern   Jun 2025 to Present
- Developed cross-platform features for the EyCrowd mobile app using React Native, and wrote unit tests with Jest and React Testing Library to ensure component stability and UI reliability across devices
- Worked with Salesforce CRM to align campaign tracking with internal pipelines, and set up Docker test environments for QA validation and internal deployment consistency
- Collaborated with AI engineers to evaluate LLM integration patterns and optimize user engagement logic, using Mixpanel to track behavior and contributing to a redesign that improved daily active usage by 25% approximately

RoundTechSquare, San Francisco, CA: Software Engineer Intern   Jan 2025 to May 2025
- Built a cloud-native inventory management system using React.js, and Amazon Web Services (AWS) including S3, EC2, DynamoDB, reducing manual errors by 30%
- Automated CI/CD pipelines with Jenkins and GitHub Actions, containerized services using Docker, and implemented performance monitoring with Grafana, reducing deploy issues and improving service reliability
- Collaborated with product managers and analysts to define scalable data workflows, using Postman to validate endpoints and enhance internal API adoption alongside Swagger-based documentation

Hiration Career Technologies, Delhi, India: Software Engineer / Jr. Front-End Web Developer   Jun 2020 to Nov 2022
- Developed reusable React components using JSX, integrated with Next.js and Node.js, improving server-side rendering performance by 20% for Natural Language Processing models
- Managed source control with Git, facilitated project deployment on Vercel, and optimized component design using Figma and Unified Modeling Language (UML) tools, reducing design-to-deployment time by 25%
- Executed Exploratory Testing (white box) and JUnit5 (black box), achieving 95% code coverage with Java Code Coverage (JaCoCo) and maintaining software quality with a 99% DOI adherence rate

PROJECT

Agile Realms, *Class Project*   Fall 2023
- Collaborated with a dynamic 5-member team, utilizing Java Swing and Gradle frameworks to develop UI. Initially managed legacy systems transitioning to Scrum methodology
- Assumed the role of Scrum Master, overseeing project management duties utilizing Atlassian Jira, and maintaining the Sprint Backlog. Used Git and GitHub for efficient version control and facilitated regular Sprint Retrospectives to optimize team performance and algorithm design
- Utilized MySQL and SQL for backend database operations. Applied TDD and various testing methodologies for comprehensive application testing. Achieved up to 90% code coverage reports for the crucial components

PUBLICATION

Traffic Detection using Deep Learning, *Research Project*   Spring 2023
- Constructed an enhanced detection model utilizing YOLO and Sliding Windows Algorithm, achieving a 9.5% increase in floating-point operations efficiency. Trained the model using the PASCAL VOC12 dataset
- Authored 'Efficient Detection of Small and Complex Objects for Autonomous Driving Using Deep Learning', published in the IEEE CSCITA conference, with DOI: 10.1109/CSCITA55725.2023.10104969, Paper Link

SKILLS

Hard Skills: *React.js, React Native, Next.js, Node.js, JavaScript, HTML, CSS, UI/UX Design, Figma, Vercel, Mocha, Jest, Git, GitHub, Swagger, RESTful APIs, API Integration, CI/CD Pipelines, Jenkins, AWS (EC2, S3, DynamoDB), Salesforce CRM, PostgreSQL, Java, Python, JSON, UML, SQL, MySQL, NoSQL, JaCoCo, Junit, Selenium, Agile, Mixpanel, n8n, Cloud Infrastructure, Design Systems, Automation Workflows, Performance Optimization, Scalability, Caching, Docker*

Soft Skills: *Communication, Collaboration, Ownership Mentality, Problem Solving, Adaptability, Initiative, Attention to Detail, Team-Oriented, Consistency, Clear Documentation, Fast Learning, Cross-Functional Coordination, Agile Mindset, Time Management, Creative Thinking, User Centric Thinking*