

Rushikesh Chavan

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Experienced Software Development Engineer with a strong background in developing and optimizing mobile applications and test frameworks. Proven track record in delivering high-quality solutions within Agile environments. Skilled in Android development, Kotlin, RESTful APIs, and various modern development architectures and methodologies. Known for confident leadership, innovation, and seamless integration of testing methodologies into the software development lifecycle. Proficient in problem-solving, critical thinking, and self-motivation.

EDUCATION

Masters in Engineering Management | California State University, Northridge | GPA: 3.54/4 08/22 – 05/24
Relevant coursework: Decision Tools for Engineering Managers, Introduction to Data Analytics, Data Visualization, Leadership of Engineering Professionals, Six Sigma Quality Engineering

Bachelors in Information Technology | Savitribai Phule Pune University | GPA: 3.07/4 08/17 – 10/20
Relevant coursework: Object-Oriented Programming, Data Structures, Theory of Computation, Database Management Systems, Cloud Computing, Machine Learning & Applications

WORK EXPERIENCE

Infosys Limited | Digital Solution Specialist Engineer 08/21 – 07/22

- Implemented an optimized testing framework, resulting in a 75% increase in test coverage and accuracy.
- Led a team in developing automation tools to enhance Confluence documentation using Jira, impacting 4 projects.
- Utilized AWS technologies to execute regression suites, enhancing scalable testing solutions.
- Conducted unit-testing of code for robustness, usability, and reliability.

Infosys Limited | System Solution Specialist Engineer 11/20 – 07/21

- Developed and enhanced automation test frameworks for a banking web application, reducing manual testing time by 45%.
- Developing and improving automated regression test cases, resulting in a 15% decrease in software defects.
- Built and maintained an Angular framework to enhance automation and dataset management.
- Collaborated with remote teams via APIs, ensuring seamless integration and functionality.

APlize Social | Digital Marketing Analyst 08/19 – 10/20

- Devised data-driven marketing strategies, achieving a 3.5% conversion rate and a 20% bounce rate.
- Conducted SEO and web development to enhance online presence and engagement.

APlize Social | Internship: Web Developer 08/18 – 07/19

- Spearheaded website development initiatives to ensure seamless user experiences.
- Elevated client's online presence, adhering to industry standards, and enhanced user engagement effectively.
- Utilized web development skills to deliver high-quality solutions.

OPEN-SOURCE CONTRIBUTIONS

- Actively contributing to Android SDK, Kotlin, Coroutines, and REST framework projects on GitHub, enhancing animations and screen transitions for improved user interfaces.

ACADEMIC PROJECTS

Smart Signaling System for Emergency Vehicles (ML, Python, Android, JavaScript, YOLO & Darknet Framework, Firebase)

- Designed an image-processing traffic signal controller, reducing emergency vehicle travel fatalities by 30%.
- Developed using Android for robust and reliable application performance.

Quizzer - Android Application (Android, Java, Spring Boot, MySQL)

- Developed an Android quiz app for over 120 students with anti-cheat functionality and SSL-secured API calls.
- Applied MVVM architecture to ensure maintainability and scalability.

AWARDS AND HONORS

- Zeal Academic Excellence Award (2020)
- Smart India Hackathon (2017)

CERTIFICATIONS

- Six Sigma Green Belt Certification (2023)
- Advanced RPA Professional (2021)
- Advanced Python Developer (2022)
- Foundation Level ISTQB (2021)

TECHNICAL SKILLS

Languages & Technologies: Java, Python, JavaScript, Kotlin, SQL, JSON, TypeScript, HTML & CSS, PHP, C, C++, C#, Perl

Development Frameworks, Libraries & Tools: Android SDK, Kotlin, Coroutines, MVVM, View Models, Repository Design Pattern, React Native, Spring, Angular, Django, Selenium, Android Studio, GraphQL

Database Management & Scripting: MySQL, PostgreSQL, Firebase, MongoDB, Bash, Shell scripting

Version Control & DevOps: Git, GitHub, Bitbucket, Jenkins, Docker, Jira, Confluence, GitLab, AWS, Jira, Confluence, Jenkins

Skills: Problem-Solving, Agile, Critical Thinking, Teamwork, Adaptability, Leadership, Flexibility, Confident, Self-motivated