Rushikesh Chavan

Seattle., WA | +1 (818) 535-1603 | rushi.ch01@gmail.com | www.rushi.ch | linkedin.com/in/rushi-chavan

Results-driven Software Developer with strong experience in building and deploying **Spring applications** on **OpenShift** and orchestrated through **Kubernetes**. Proficient in **Spring Boot, REST APIs**, **SQL**, **Angular**, **JavaScript**, **Docker**, and a range of cloud and container technologies including along with **CI/CD pipelines**. Adept at integrating test automation strategies into the **development lifecycle** to ensure reliability and continuous quality. Known for **strong problem-solving**, **architectural thinking**, and the ability to drive innovation in fast-paced, Agile environments.

EDUCATION

Masters in Engineering Management | California State University, Northridge | GPA: 3.54/4   08/2022 – 05/2024
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, Pune | GPA: 3.07/4   08/2017 – 10/2020
Relevant coursework: Object-Oriented Programming, Data Structures, Theory of Computation, Database Management Systems, Cloud Computing, Machine Learning & Applications

Diploma in Information Technology | Maharashtra State Board of Technical Education, Pune | GPA: 2.84/4   06/2014 – 05/2017
Relevant Coursework: Data Structures, Computer Networks, Operating Systems, Object-Oriented Programming, Relational Database Technologies, Web Technologies, Software Engineering.

WORK EXPERIENCE AND INTERNSHIPS

System Engineer | Apex 2000 lnc. | Seattle, WA, USA   11/2024 – Present
Project: Bank of America
- Contributing to **security enhancements** like encryption and API development for a banking client in a high-reliability **spring framework**.
- Evaluating and improving existing **system processes** using Jenkins to enhance performance, maintainability, and **CI/CD** integration readiness.
- **Containerizing** legacy JARs and application modules to modernize, reduce dependency, and improve scalability across **OpenShift** clusters.
- Collaborating to the **system design** of migration process of test execution engine, improving **automation workflows** and reporting capabilities.

Digital Solution Specialist Engineer | Infosys Limited | Pune, MH, INDIA   08/2021 – 07/2022
Project: Citi Bank
- Led the development and optimization of **automation and CI/CD tools**, positively impacting four major projects.
- Utilized **AWS technologies** to scale testing solutions and ensure code robustness through comprehensive unit testing.
- Contributed as a developer to the **Banking KYC project**, focusing on automation with **defect analysis** and rectification using **Micro Focus LM**.
- Defined user stories and aligned development with business requirements, managing **system configurations and security controls**.
- Spearheaded a 75% increase in test coverage and accuracy by innovating a scalable testing framework.

System Solution Specialist Engineer | Infosys Limited | Pune, MH, INDIA   11/2020 – 07/2021
Project: Citi Bank
- Engineered a**utomation test frameworks** for a finance institution, reducing manual testing time by 45% and software defects by 15%.
- **Automated cloud services** with an **Angular** frontend-based application, integrating **SQL** Server API to map Java classes to field types.
- Collaborated on **API development** for seamless integration across remote teams, analyzing performance metrics for **system improvements**.

OPEN-SOURCE CONTRIBUTIONS
- Actively contributed to the open-source community, focusing on Android, Kotlin, web scraping, identification of RC4 encryption keys, and REST framework projects on GitHub.

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