

ANIRUDH RAMANI

Software Developer

Engineering code with quality, speed, and scalability.

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Motivated and detail-oriented professional with over 3 years of experience; skilled in full stack development, backend programming, and DevOps practices. Proficient in designing, developing, testing, and deploying scalable software solutions using Java, AWS Cloud, and automation tools. Seeking a challenging software development role to leverage technical skills and problem-solving abilities to build innovative and efficient systems that drive business success.

PROFILE SUMMARY

- ❖ Experienced **software developer** with over **3 years of hands-on expertise** in designing, developing, and deploying **scalable enterprise applications** using **Java** and **AWS Cloud technologies**.
- ❖ Experienced in **managing all phases of the software development lifecycle (SDLC)**, including requirements gathering, design, development, testing, deployment, and maintenance, with a focus on delivering high-quality solutions on time.
- ❖ Proven capability to independently handle **end-to-end project tasks**—from **requirement analysis** and **design** through **development, testing, and production deployment**—ensuring **smooth project execution and delivery**.
- ❖ **Proficient full stack developer** skilled in building responsive and dynamic web applications using React for the frontend and Java Spring Boot for the backend, ensuring seamless user experiences and efficient server-side processing.
- ❖ Skilled in **DevOps practices** with hands-on experience in **designing and automating CI/CD pipelines** using Jenkins and Groovy scripting, alongside deploying and managing scalable applications on AWS cloud environments for improved delivery speed and system reliability.
- ❖ **Skilled in backend development** using Java and Spring Boot, designing and implementing robust RESTful APIs with a strong focus on performance tuning, efficient database management and ensuring scalability and security within AWS cloud environments.

TECHNICAL SKILLS

Programming Languages	C++, Python, Java, C, JavaScript, R, Kotlin
Web & UI Technologies	HTML, CSS, JSP, React
Frameworks / Libraries	Spring Boot, Django, JUnit, Mockito, Docker
Databases	MySQL, SQLite, MongoDB, PostgreSQL
Cloud & DevOps	AWS Cloud, Jenkins, SonarQube
Monitoring Tools	Prometheus, Grafana
Mobile Development	Android Studio
Other Platforms / Tools	RStudio, MQTT, Google Text-to-Speech

CORE COMPETENCIES

➤ Full Stack Software Development	➤ Software Development Lifecycle	➤ Database Management
➤ API Testing & Automation	➤ System Design & Architecture	➤ Software Quality Assurance & Test Automation
➤ Cloud Migration & Deployment (AWS)	➤ Data Visualization & Monitoring	➤ DevOps Engineering
➤ Requirement Gathering & Analysis	➤ Back-end Development	➤ Code Quality Assurance & Optimization

SOFT SKILLS

- ❖ Progressive Leadership
- ❖ Technology & Innovation
- ❖ Data Driven Decision Making
- ❖ Problem-solving & Result-oriented
- ❖ Analytical Thinking & Critical Analysis

EDUCATION

- 🎓 **Master of Science in Computer Science**
University of California, Davis | Dec 2024
- 🎓 **Bachelor of Engineering in Information Technology**
Savitribai Phule Pune University | Apr 2020

WORK EXPERIENCE

Aug 2020 – Aug 2023 | Java Developer | Barclays

- ❖ **API Testing & Quality Assurance:** Tested APIs using JUnit and Mockito frameworks, achieving over 65% test coverage and ensuring robust code quality.
- ❖ **Cloud Migration & Deployment Automation:** Collaborated in a team to migrate on-premises data and APIs to AWS Cloud, and designed Groovy scripts for Jenkins pipelines to automate API deployment in the AWS environment.
- ❖ **Continuous Integration (CI) Enhancement:** Improved Jenkins pipeline efficiency by optimizing Groovy scripts, reducing deployment times & minimizing manual errors.
- ❖ **Application Development & Code Quality:** Designed, developed, and maintained scalable Java applications by writing clean, efficient, and reusable code, while performing unit testing and debugging to ensure optimal performance and reliability.

INTERNSHIP

May 2019 – Jul 2019 | Software Engineering Intern | Siemens PLM

- ❖ **Automation Development:** Designed and implemented a Python program that automated the calculation of test case run-times, significantly reducing manual effort for testers.
- ❖ **Data Visualization:** Created a test case visualization dashboard using Prometheus and Grafana, enabling developers to quickly identify outliers and improve debugging efficiency.

PERSONAL PROJECTS

- ❖ **Job List (Full Stack Web Application)**
April 2025-May 2025
 - Developed a full-stack application leveraging ReactJS, Spring Boot, MySQL, and Docker to enable users to record, manage, and filter job details efficiently.
- ❖ **IoT-Based Home Automation System**
Aug 2019 – Apr 2020
 - Developed a centralized Raspberry Pi system using MQTT protocol and Android app to control home appliances wirelessly.
- ❖ **Attendance Management System using QR Codes**
Aug 2018 – Dec 2018
 - Engineered a QR code-based web application using Java, JSP, and MySQL to automate student attendance tracking for teachers.

CERTIFICATIONS & ACHIEVEMENTS

- **IBM Full Stack JavaScript Developer Course**
Coursera - Ongoing
- **Ultimate Docker Fast-Track -Beginner to Advanced**
Udemy, April 2025
- **Gold Medalist – Python Certification**
Secured All India Rank 4 in the Python Certification Exam conducted by IIT Madras.
- **Top 3 – Embedded Systems Category**
3rd Prize for IoT Home Automation at PICT Inter-College Project Expo, Pune.

PERSONAL DETAILS

Languages Known: English, Hindi, Tamil, Marathi
Address: Pune, India