

Rohit Satavekar

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PROFILE

Software engineer with under 2 years of experience, skilled in developing Python and Java applications integrated with AWS services (EC2, S3, Lambda, DynamoDB). I have built scalable, fault-tolerant systems, implemented CI/CD pipelines, and optimized systems for performance and cost. I focus on writing secure, high-quality code and collaborate to ensure scalable, resilient solutions, driving continuous improvements in system architecture.

EDUCATION

• MSc Advanced Computer Science	University of Strathclyde, UK	2:1	Jan 2023 - Feb 2024
• Bachelor of Engineering Computer Sci.	SPP University, India	1st	July 2016 - Aug 2021

TECHNICAL SKILL

- Core Java, Spring Boot, Spring MVC, OOPS
- REST API, Web API, GIT, SQL
- SOLID, Design Patterns, AWS, CI/CD
- React, JavaScript, HTML5, CSS
- Agile Methodology, SDLC, Unit and Integration Testing
- Python, Artificial intelligence, Machine Learning

WORK EXPERIENCE

Teleperformance, Customer Service Advisor

06/2024 - Present

- Delivered exceptional service to UK customers by resolving inquiries, educating on financial products, and maintaining compliance with data protection regulations at Lloyds Banking Group

Cognizant, Programmer Analyst

10/2021 – 10/2022

- Collaborated with cross-functional teams across different regions to develop and implement software solutions tailored to BMW's requirements, ensuring alignment with their global standards using Java and Spring boot.
- Enhanced application performance, leading to a 20% increase in efficiency through the implementation of best practices in software design and coding, utilizing AWS services like EC2 and S3 for scalability.
- Successfully identified and resolved over 10+ critical bugs during the development cycle, significantly improving system reliability
- Worked closely with BMW stakeholders to gather requirements and deliver secure, high-quality software using Agile methodologies that met their operational needs and contributed to overall business objectives.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner (In Progress):** Demonstrating proficiency in core AWS services such as S3, EC2, EBS, Lambda, IAM, and DynamoDB. Actively applying cloud computing strategies to optimize infrastructure management and enhance organizational cloud efficiency.
- **HackerRank Certified Java:** Demonstrated expertise in Java programming with a focus on core concepts such as OOPs concepts, multithreading, collections, exception handling, streams API, functional interfaces, lambda expressions and other advanced features.
- **Udemy Certified - Master Spring Boot 3 & Spring Framework 6 with Java:** Gained extensive experience in developing and deploying Java-based enterprise applications with Java 17, Spring Boot, and Maven. Skilled in Spring MVC, RESTful APIs, and testing frameworks like Mockito and JUnit for reliable software performance

ACADEMIC PROJECTS

- **Stock price prediction:**
 1. Developed and deployed a machine learning model for stock price prediction, leveraging linear regression and LSTM algorithms.
 2. Implemented real-time predictions visualized through a custom dashboard created with React and utilized Spring Boot for the web application development.
- **Detect COVID-19 from chest X-ray images:**
 1. Designed and implemented a Convolutional Neural Network (CNN) for detecting COVID-19 from chest X-ray images, achieving high accuracy through data augmentation and transfer learning with pre-trained models.
 2. The model was optimized for real-time diagnostics to improve early detection capabilities, presented within a user-friendly interface developed using React.js