







CATHERINE CHACKO

LEAD SOLUTION ENGINEER



CONTACT

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TECHNOLOGIES

- Java, Spring Boot, Maven
- MySQL, MsSQL
- JUnit, Mockito
- GitHub
- Jenkins, Spinnaker
- AWS
- Splunk, Datadog
- IntelliJ IDEA, Eclipse, STS

SKILLS

- Backend Development, Testing , Deployment & Monitoring
- Leadership
- Problem Solving
- Effective Communication
- Documentation

LANGUAGES

- English (FLuent)



PROFILE

I'm a Java Backend Developer with 7+ years of experience building scalable microservices and high-performance APIs using Java, Spring Boot, REST, and AWS. I specialize in creating reliable, efficient systems with a focus on availability and performance. I'm also skilled at debugging, improving system performance, and working closely with cross-functional teams through strong communication and collaboration.



WORK EXPERIENCE

IBS Software 2024 - PRESENT
Lead Solution Engineer

- Built and tested Spring Boot microservices for travel insurance provisioning, leading successful launches across EMEA and LATAM.
- Monitored and resolved critical alerts using Splunk and Datadog.
- Boosted API performance using Reactive WebClient for asynchronous calls.
- Improved test coverage by 25% through Cucumber BDD; utilized Git for structured branching and change tracking

Infosys Limited 2022 - 2024
Technology Analyst

- Built high-performance REST APIs using Spring Boot, multithreading, and complex JDBC queries with recursive CTEs.
- Automated compliance decisions by integrating Drools for rule-based processing.
- Led a team of 3 developers; ensured code quality with JUnit/Mockito and managed Docker deployments on Kubernetes.

Bosch Global Software Technologies 2017 - 2022
Software Developer

- Built ECU config tools using Core Java, AUTOSAR, and asynchronous processing.
- Achieved 80% test coverage with JUnit and Mockito.
- Automated CI/CD pipelines using Jenkins



EDUCATION

B.Tech (Computer Science & Engineering) 2013-2017
Govt. Model Engineering College | **CUSAT**
GPA: 8.02 / 10



PUBLICATIONS

IEEE EXPLORE : A novel method for automatic device control using emotion recognition
<https://ieeexplore.ieee.org/document/8342736>