

AMITH KUMAR H M

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SUMMARY

Results-driven Full Stack Developer with hands-on experience in the development of scalable and efficient backend systems on Java (including Java 17), Spring Boot 3, Spring Framework, Hibernate, and Microservices architecture. Experienced in designing and integrating RESTful APIs to make communication simple in distributed systems. Experienced in front-end development with thorough knowledge of ReactJS, JavaScript, HTML, CSS, and Bootstrap to create responsive and interactive user interfaces. Good exposure to relational databases, i.e., MySQL, and experience in database design, query optimization, and administration. Experienced in NoSQL databases like Cassandra. Hands-on experience in developing real-time data pipelines with Apache Kafka and project dependency and build management with Maven and Gradle. Experienced in deploying and running applications on servers like JBoss and Tomcat, and developing secure systems with Spring Security. Experienced in CI/CD processes with Jenkins pipelines and operating 24/7 production systems with a proactive problem-solving attitude. Excellent debugging and troubleshooting skills in development and production systems. Experienced in data structures and algorithms, and a team player with the ability to work under changed priorities and tight deadlines.

PROFESSIONAL SKILLS

- Problem-solving & Root Cause Analysis
- Cross-functional Team Collaboration
- Time Management & Task Prioritization
- Adaptability under tight deadlines
- 24/7 Production Support Readiness

TECHNICAL SKILLS

Programming Languages: Core Java (Java 8–17)

Technologies & Frameworks: XML, JSON, Servlets, JSP, Spring Framework (Spring MVC, Spring Boot, Spring Security, Spring Data JPA, JPA, Hibernate), Microservices Architecture, Docker, Kubernetes, AWS (basic cloud services)

Application Servers / Containers: Apache Tomcat, JBoss (WildFly)

Web Services: RESTful Web Services (API development & integration)

Databases: Relational(MySQL), NoSQL(Cassandra, CouchDB)

Frontend Technologies: HTML5, CSS3, JavaScript, Bootstrap, ReactJS

Build & Version Control Tools: Maven, Gradle, Git, GitLab

IDEs & Code Editors: IntelliJ IDEA, Eclipse, Visual Studio Code

WORK EXPERIENCE

Associate Software Developer

AIROBOSOFT Products and Services

March 2023 – Present

Total Experience: 2.4 years in Full Stack Development

- Professionally engaged at an international level in designing, developing, and deploying business applications with Java (up to Java 17), Spring Boot 3, Spring MVC, and Microservices architecture.
- Plays a central role in the development and maturation of PDAL QVC, a flagship product of Qurate Retail Group (USA operations), from monolithic to Microservices with Cassandra NoSQL backend for scalability and high performance.
- Deployed Spring Boot REST APIs using Spring Data JPA and wrote unit/integration tests using JUnit, Mockito, and MockMvc.
- Drove upstream and downstream operations that processed CDC events from IBM MQ, transformed data to JSON, as well as synchronized data from SQL (Oracle 11g, H2) and Cassandra.
- Used Docker and Kubernetes to containerize and orchestrate microservices for Dev, QA, and Production environments using Rancher.
- Used Apache JMeter to test and optimize performance of REST APIs to ensure maximum response times.

- Involved in managing CI/CD pipelines on Jenkins, generating Pull Requests (PRs), handling change requests, and monitoring build deployments across stages.
- Engaged problem-solving and monitoring tickets using JIRA, production bug resolution and problem management with minimal downtime.
- Created and updated comprehensive technical reports and user manuals on Confluence for enabling team-level knowledge sharing and onboarding support.
- Responsible for loading data operations using Stonebranch automation tools in Dev and QA environments.
- Regularly worked with client-facing and cross-functional teams to identify and solve issues raised by backend users and onsite personnel.
- Practical experience with version control using Git/GitLab, build tools like Maven, and deployment on application servers like JBoss and Tomcat.
- Secured configuration rollouts, file management in Rancher, and automatic deployment operations. Had complete control of the entire software development process, including production and post-production.
- Actively engaged in Agile/Scrum ceremonies as well as team collaboration tools for sprint planning, retrospectives, and continuous delivery.

EDUCATION

B. E: Computer Science and Engineering
Navkis College of Engineering, Hassan

July 2023