

# ANUSHA DAMODARAN

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## FULL STACK DEVELOPER

*Results-driven IT professional with over 3 years of experience specializing in Java-based microservice application development. Proven track record of building, deploying and managing scalable, secure, and high-performance applications using Java Spring Boot, Angular and DevOps methodologies.*

### PROFILE SUMMARY

- Developed and maintained microservices-based applications using **Spring Boot**, **RESTful APIs**, and **Angular**.
- Proficient in Core Java with expertise in features like **OOP** concepts, **data structures** and **multithreading**.
- Proficient in building, deploying and monitoring micro services using tools like **Jenkins**, **ADO**, **Ansible**, **Dynatrace** and **Splunk**.
- Skilled in creating and managing relational databases like **MySQL & Oracle**.
- Proven ability to diagnose and resolve software defects, optimize code, and enhance application performance, resulting in significant improvements in efficiency and scalability.
- Experienced in working in Agile environments, with tools like **JIRA** and **Confluence** for project management and documentation.
- Strong communicator and effective team collaborator with demonstrated leadership skills, consistently delivering successful projects through team coordination and problem-solving.

### TECHNICAL SKILLS

<b>Programming Languages:</b>	Java, JavaScript, SQL
<b>J2EE Technologies:</b>	Spring Boot, Hibernate, RESTful Web Services
<b>AWS services:</b>	EC2, S3, RDS, Lambda, CloudFormation, CDK, API Gateway, CloudWatch, DynamoDB, IAM
<b>Frontend Technologies:</b>	Angular, HTML5, CSS3
<b>Web &amp; Application Server:</b>	Apache Tomcat
<b>Databases:</b>	MSSQL, MySQL, Oracle
<b>Devops Tools:</b>	GitHub, Jenkins, Azure DevOps, Git, Ansible, Splunk, Dynatrace, JFrog Artifactory
<b>Cloud &amp; Containerization:</b>	AWS, Azure, Kubernetes, Docker, Openshift
<b>IDE &amp; other Tools:</b>	Eclipse, Maven, Spring Tool Suite, Postman 5., Confluence, JIRA,
<b>Operating Systems:</b>	Windows 7/10, Linux/Unix

### WORK EXPERIENCE

**Java Developer @Bank of Montreal, Canada** (via Vaku Technologies Inc.)

Oct.2023 – May.2025

**Project:** Customer Onboarding Application

- Developed **Spring Boot** microservices, implementing scalable and maintainable backend solutions.
- Built **RESTful APIs** following industry best practices using Spring Boot, ensuring performance, security, and reliability.
- Upgraded Spring Boot applications from **JDK 11** to **JDK 17**, refactored code where necessary, and ensured full compatibility to leverage modern Java features and performance improvements.
- Tuned **JVM** parameters, including heap size and garbage collection settings, to optimize performance and reduce latency in high-load Java microservices.
- Wrote unit and integration tests using **JUnit** and **Mockito**, increasing test coverage and integrating **SonarQube** quality gates into **Azure DevOps** pipelines to maintain code quality standards.
- Addressed security vulnerabilities detected through **SAST** and **SCA** scans from **GitHub Advanced Security** by remediating code and dependency issues.

- Maintained secure deployment practices by updating base container images for all Spring Boot microservices during each release cycle to mitigate known **container vulnerabilities**.
- Collaborated with the DevOps team to develop and implement CI/CD pipelines for each microservice using **Azure DevOps Pipelines**, **OpenShift**, and **Ansible**, streamlining automated builds, deployments and infrastructure provisioning.
- Coordinated with the Enterprise DevSecOps team to transition **JFrog Artifactory** from an on-premises setup to SaaS, updating Maven configurations and dependency paths across all services.
- Collaborated with the environment team to troubleshoot and resolve application and infrastructure issues in non-production environments, ensuring high availability and stability for testing activities.
- Utilized **Dynatrace** and **OpenSearch** to monitor and troubleshoot application issues in non-production environments, enabling faster root cause analysis and resolution.
- Coordinated release management activities in collaboration with the production support team to ensure smooth and timely deployments.

#### **Software Developer@V2 Solutions Inc.**

Jun. 2021– Jan. 2023

##### **Project: Integrated Eligibility System for Insurance Benefits**

- Designed and developed a Spring Boot-based microservices architecture with Hibernate, ensuring a modular and scalable framework for managing insurance eligibility.
- Integrated Spring JPA to manage database connectivity, creating **DAO layers**, **SQL queries**, and Spring Controllers for efficient data handling and seamless request processing.
- Designed RESTful APIs with **Java Spring Controllers** to facilitate seamless communication between Angular frontend and Java backend services.
- Created responsive and intuitive user interfaces using Angular , including **dynamic forms**, data tables, and interactive dashboards for insurance administrators.
- Led code optimization efforts that resulted in a 20% improvement in overall application performance.
- Implemented comprehensive unit tests using **JUnit and Mockito**, achieving over 95% code coverage.
- Deployed the system using **OpenShift**, leveraging its container orchestration capabilities to ensure consistent application behavior across multiple environments and reducing deployment time by 40%.
- Leveraged **Jenkins** pipelines for continuous integration of microservices and used Ansible for automated deployment of services into OpenShift, ensuring a streamlined and reliable CI/CD process.
- Leveraged Angular Router for implementing navigation and creating a **single-page application (SPA)** architecture with **lazy-loaded** modules for improved performance.
- Monitored application performance and system health using Splunk, troubleshooting issues in real-time to maintain optimal performance and reducing downtime by 15%.
- Utilized **Jira** and **Confluence** for effective project management, tracking tasks, and maintaining comprehensive documentation throughout the project lifecycle.

#### **CERTIFICATIONS & TRAININGS**

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- AWS Certified Solution Architect Associate
- AWS Certified Developer
- Salesforce Certified Administrator
- Salesforce Certified Platform Developer
- Java and J2EE Developer – Edureka
- Angular Developer - Edureka

#### **ACADEMICS & CREDENTIALS**

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Software Development Diploma Program  
BrainStation Inc , Canada

2023

Bachelor of Engineering: Computer Science  
KTU University, India

2020