

Ani Khachatryan

Yerevan, Armenia

☎ +37494622344 | ✉ anikhachatryanpro@gmail.com | 🌐 [LinkedIn](#)

SUMMARY

Senior Cloud Developer with expertise in designing and building **cloud-native microservices** on **AWS** using **Java and Spring Boot**. Experienced in integrating **generative AI capabilities** into backend systems using **Amazon Bedrock, prompt engineering, and structured AI outputs**. Skilled in scalable architecture design, CI/CD automation, containerization, and performance optimization. Advocates for clean code, TDD, and reliable solutions in Agile environments.

EXPERIENCE

Senior Java Developer

Diversys Software Inc. Canada (remote) | October 2022 - Present

- Deployed applications on **AWS**, enhancing scalability and reliability.
- Optimized application performance by integrating **Redis for caching**.
- Contributed to the development of web and mobile applications for **recycling initiatives**.
- Designed and implemented **RESTful APIs** to facilitate seamless system integrations.
- Developed backend services using **Java, Spring Boot, and MongoDB**.
- Ensured high-quality software with **unit testing** and test-driven development practices.
- Integrated **generative AI services with Amazon Bedrock** into Java backend workflows for structured data extraction and automation.
- Designed and refined **AI prompts and response schemas** to improve output consistency, validation, and application integration.

Java Software Developer

Energize Global Services – Yerevan, Armenia | September 2019 – October 2022

- Led the migration of a bank's legacy financial system, ensuring seamless integration.
 - Developed and maintained robust financial applications using **Java, Hibernate, and Oracle DB**.
 - Designed and deployed applications on **JBoss servers**, improving system stability.
 - Implemented **unit testing (JUnit, Arquillian)** to ensure software reliability.
 - Enhanced system performance by optimizing database queries and reducing load times by **30%**.
 - Conducted **code reviews** and enforced best practices in clean coding and security.
-

CERTIFICATION

AWS Developer Associate Issued on October 18, 2025

SKILLS

- **Programming Languages:** Java
 - **Frameworks & Libraries:** Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Hibernate (JPA)
 - **Application Development:** Object-Oriented Programming (OOP), RESTful APIs, Microservices Architecture
 - **Web Technologies:** HTML, XML
 - **Databases:** MySQL, PostgreSQL, Oracle, MongoDB
 - **Development Tools:** Git (GitHub, GitLab, Bitbucket), Maven, Jenkins, Postman
 - **Cloud & Deployment:** JBoss, Docker, Redis
 - **AWS:** ECS, Lambda, CloudFront, DynamoDB, S3, and Amazon Bedrock
 - **Generative AI:** Amazon Bedrock, Claude, prompt engineering, structured output design, AI-assisted data extraction, and backend integration.
 - **Microservices Development:** Designed and built scalable microservices using Java Spring Boot, emphasizing TDD.
 - **CI/CD Expertise:** Implemented and optimized CI/CD pipelines for seamless deployment and integration.
 - **Performance Optimization:** Improved system efficiency through rigorous benchmarking and optimization.
 - **Complex Business Logic:** Translated intricate business requirements into effective software solutions.
 - **Troubleshooting & Debugging:** Identified and resolved critical issues to enhance system reliability.
-

EDUCATION

Master of Science in Computer Science

National University of Architecture and Construction, Yerevan | 2022
Grade: Excellent

Bachelor of Science in Computer Science

National University of Architecture and Construction, Yerevan | 2020
Grade: Excellent
