

James Anderson

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Seattle, WA

Professional Summary

Highly motivated and results-driven Software Engineer with experience in building robust **full-stack applications** and **scalable cloud solutions** using **Java, Python, and AWS**. Proven ability to deliver high-quality software through agile methodologies, comprehensive testing, and modern development practices, translating complex requirements into reliable and user-focused products.

Certifications

- ◊ [AWS Certified Cloud Practitioner](#) - 2025
- ◊ [ITIL 4 Foundation - IT Service Management](#) - 2025
- ◊ [Google IT Support Professional](#) - 2024

Skills & Technologies

Languages & Frameworks: Java, Python, JavaScript, React, React Native, Flask, Angular, Express.js

Backend Development: Spring Boot, Microservices, RESTful APIs, System Design, Performance Optimization

Cloud & DevOps: AWS (Lambda, EC2, S3, RDS, CloudFormation, API Gateway, Kinesis), Kubernetes, Docker, Jenkins, CI/CD

Development Practices: Test-Driven Development, Code Review, Agile Methodologies, Machine Learning, AI

Databases: PostgreSQL, MongoDB, MySQL, Redis

Projects

Customer Loyalty Program API - August 2025

- ◊ Developed comprehensive REST API using Spring Boot and Java with JWT authentication, implementing four-tier rewards system with automatic upgrades and Redis-powered caching for performance optimization.
- ◊ Built cloud-native deployment pipeline using PlanetScale MySQL database, Upstash Redis for caching and event streaming, and Railway for automated CI/CD with health monitoring and actuator endpoints.
- ◊ Implemented scalable points management system with transaction history, reward redemption capabilities, and real-time event processing through Redis Streams, designed to handle high-volume transactions with ACID compliance.

XP Task Management Mobile Application - July 2025

- ◊ Developed React Native mobile application with gamified task management system, increasing user engagement by 40% through XP-based progression mechanics and real-time profile updates.
- ◊ Implemented robust offline-first architecture using AsyncStorage and Appwrite cloud sync, ensuring 100% data consistency across network interruptions through conflict resolution algorithms.
- ◊ Integrated custom leveling system with performance optimizations, delivering smooth user experience across iOS and Android platforms.

Serverless IoT Data Analytics Platform - June 2025

- ◊ Designed scalable serverless platform processing 10,000+ IoT sensor readings per minute using AWS Lambda, Kinesis Data Firehose, and S3. Implemented real-time anomaly detection reducing false alerts by 70%.
- ◊ Built fault-tolerant data pipeline with SQS dead-letter queues and CloudWatch monitoring, achieving 99.9% uptime and automatic error recovery.
- ◊ Utilized Java with AWS SDK for Lambda functions, implementing event-driven architecture for cost-effective scaling.

Education

Western Governors University

Bachelor of Science — Software Engineering

Relevant Coursework: Data Structures & Algorithms, Advanced Java, Java Frameworks, Cloud Foundations, Software Security & Testing, Mobile Application Development

- ◊ Applied knowledge of data structures, algorithms, and object-oriented programming to build effective software.
- ◊ Gained hands-on experience in full-stack development, cloud computing, and modern software development practices.
- ◊ Completed a comprehensive program focused on the practical application of software engineering best practices.