James Anderson

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Seattle, WA

Professional Summary

Highly motivated and results-driven Software Engineer with expertise 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 strong problem-solving skills, translating complex requirements into reliable and user-focused products.

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Certifications

◇ AWS Certified Cloud Practitioner - 2025
◇ ITIL 4 Foundation - IT Service Management - 2025
◇ Google IT Support Professional - 2024

Skills & Technologies

Languages: Java, Python, JavaScript, C++, Kotlin
Frameworks: Spring Boot, React, Flask, Angular, Express.js, NodeJS
Tools: Git, Jest, JUnit, Pytest, Docker, Jenkins, Jira, Kubernetes, npm, Postman, Android SDK
Cloud: AWS (EC2, S3, Lambda, RDS, CloudWatch, ECS, CloudFormation), Azure
Databases: MongoDB, MySQL, PostgreSQL, Redis
Other: CI/CD, Rest APIs, Agile, OOP, System Design, Test-Driven Development (TDD)

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Work Experience

Freelance - Software Engineer   *December 2024 – Present*

◇ Develop full-stack applications and APIs for clients using Spring Boot, React, and PostgreSQL.
◇ Apply object-oriented programming principles and Agile methodologies to ensure smooth project execution and efficient development cycles.
◇ Implement comprehensive testing strategies including unit, integration, and user acceptance testing while utilizing Git for version control to maintain high-quality, maintainable codebases.
◇ Manage complete project lifecycles from requirements gathering through deployment and ongoing support, consistently delivering scalable, user-focused solutions.

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Projects

XP List App - July 2025
◇ Developed a mobile app for task management, progress tracking, and user engagement with a custom XP leveling system.
◇ Dealt with data consistency issues by building strong online-offline sync logic, using Appwrite for cloud data and AsyncStorage for local storage.
◇ Integrated a custom leveling system that gives XP for completed tasks and updates user profiles, making the app more engaging.
◇ Ensured the app was reliable and smooth for users by handling network problems and keeping data updated.

Serverless IoT Data Analytics Platform - June 2025
◇ Designed a flexible serverless platform using Java and AWS Lambda to monitor and analyze large amounts of IoT sensor data in real-time.
◇ Built data processing logic within Lambda functions using the AWS SDK, handling data changes, grouping, and finding unusual patterns.
◇ Implemented a robust data pipeline with AWS API Gateway for secure data input, Kinesis Data Firehose for scalable transfer, and Amazon S3 for long-term storage.
◇ Utilized Amazon SQS for reliable messaging and Dead-Letter Queues for error handling, making the platform strong and reliable even under heavy use.

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Education

Western Governors University   *Bachelor of Science — Software Engineering*

◇ 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.
◇ Developed capstone projects, applying what I learned to real-world software challenges.