

James Anderson

✉ jamesandallen.dev@gmail.com | ☎ (409) 790-4730 | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

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.

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++

Frameworks: Spring Boot, React, Flask, Angular, Express.js, NodeJS

Tools: Git, Jest, JUnit, Pytest, Docker, Jenkins, Jira, Kubernetes, npm, Postman

Cloud: AWS (EC2, S3, Lambda, RDS, CloudWatch, ECS, CloudFormation)

Databases: MongoDB, MySQL, PostgreSQL, Redis

Other: CI/CD, APIs, Agile, OOP, System Design, Test-Driven Development (TDD), APIs

Work Experience

Freelance - Software Engineer

Dec 2024 – Present

- ◇ Built and launched client full-stack applications and APIs using tools like Spring Boot, React, and PostgreSQL.
- ◇ Applied object-oriented programming and Agile methods for smooth project execution and efficient development.
- ◇ Ran full testing (unit, integration, and user acceptance) and used Git to manage code, ensuring high-quality and easy-to-maintain software.
- ◇ Handled client projects from start to finish—from understanding needs to deployment and support—always focusing on creating scalable, user-friendly products.

Projects

XP List App - July 2025

- ◇ Created a mobile app for task management, progress tracking, and user engagement with a custom XP leveling system.
- ◇ Solved tough data consistency issues by building strong online-offline sync logic, using Appwrite for cloud data and AsyncStorage for local storage.
- ◇ Developed 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.
- ◇ Set up 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.
- ◇ Used Amazon SQS for reliable messaging and Dead-Letter Queues for error handling, making the platform strong and reliable even under heavy use.

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