

James Anderson

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Seattle, WA

Certifications

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

Skills & Technologies

Languages: Java, Python, JavaScript, HTML5, CSS, Bash, SQL, C/C++

Frameworks & Libraries: Spring Boot, React, React Native, Angular, Django, NodeJS, Express.js, JUnit, Jest, Pytest

Web Development: Responsive Web Design, REST APIs, GraphQL, WebSockets, Microservices, Authentication & Authorization

Testing & Quality Assurance: Unit Testing, Integration Testing, End-to-End Testing, Test-Driven Development (TDD), Automated Testing, Performance Testing, Debugging, Quality Assurance

Version Control & Tools: Git, AWS, npm, Webpack, Postman, Docker, CI/CD, Kubernetes, Jenkins, Jira

Databases: PostgreSQL, MySQL, MongoDB, Redis

Concepts & Methodologies: Object-Oriented Programming (OOP), Data Structures, Algorithms, System Design, Agile Methodologies, Scrum, SDLC, Cloud Computing

Work Experience

Freelance Software Engineer

Dec 2024 – Present

- Develop and deploy custom **full-stack applications** and **REST APIs** for clients, leveraging technologies like **Spring Boot**, **React**, and **PostgreSQL** to meet diverse client requirements.
- Engineer robust solutions, implementing **object-oriented programming (OOP)** principles and applying **Agile methodologies** for efficient project delivery and client collaboration.
- Conduct end-to-end **testing** (unit, integration, and user acceptance) and utilize **Git** for version control to ensure high-quality, maintainable codebases for all client projects.
- Manage client engagements from initial requirements gathering to final deployment and support, focusing on clear communication and delivering scalable and user-centric solutions.

Projects

XP List App - July 2025

React Native, Expo, Appwrite, JavaScript, AsyncStorage

- Developed a productivity **mobile application** enabling users to manage tasks, track progress, and level up through an XP-based system.
- Designed and integrated a custom leveling system, awarding XP for task completion and dynamically updating user profiles and progress.
- **Challenge:** Overcame the complexity of maintaining consistent user data and functionality when switching between online and offline states, requiring robust data synchronization and error handling for network interruptions.
- **Action & Result:** Implemented user authentication and cloud data storage with **Appwrite** for real-time task management, supporting offline access via **AsyncStorage** and ensuring data consistency with custom synchronization logic, resulting in a reliable and uninterrupted user experience.

Serverless IoT Data Analytics Platform - June 2025

Java, AWS Lambda, S3, DynamoDB, CloudFormation

- Engineered a highly scalable, event-driven **serverless platform** using **Java 17** for real-time ingestion, processing, and analysis of high-volume IoT sensor data, capable of handling millions of data points per second.
- Developed core data processing logic within **Lambda functions** using the **AWS SDK**, performing transformations, aggregations, and anomaly detection. Implemented asynchronous processing patterns with **Amazon SQS** for durable messaging and robust error handling via **Dead-Letter Queues**.
- **Challenge:** Addressed the critical need for a high-throughput, fault-tolerant data pipeline to ingest and process millions of IoT data points per second while maintaining low-latency access for real-time analytics.
- **Action & Result:** Architected a pipeline with **AWS API Gateway** for secure ingestion, **AWS Lambda** for initial processing, **AWS Kinesis Data Firehose** for buffering to **Amazon S3** data lake, and **Amazon DynamoDB** for low-latency access, resulting in a highly scalable and performant analytics platform.

Education

Western Governors University

Bachelor of Science — Software Engineering

Work History

Bar Cicotti - Preparation and Service Specialist — Bellingham, WA

October 2024 - April 2025

- Optimized operational flow and enhanced service delivery by collaborating with a team in a fast-paced environment, contributing to a high-quality, customer-focused experience.
- Streamlined inventory management and ingredient preparation processes, reducing waste by **25%** and ensuring 100% compliance with health and safety regulations.
- Proactively identified and resolved daily operational bottlenecks, consistently exceeding service goals and improving overall team efficiency.

Best Buy - Seasonal Sales Associate — Bellingham, WA

October 2023 - January 2024

- Achieved **15%** above sales targets during peak season by applying strong problem-solving skills to understand customer needs and provide expert product solutions.
- Improved data accuracy and reduced inventory errors by **25%** through meticulous record-keeping and effective utilization of CRM systems.
- Translated complex technical product features into clear, tailored recommendations for customers, significantly enhancing satisfaction and sales conversion.
- Managed high-volume transaction processing with precision using Point-of-Sale (POS) systems, consistently maintaining speed and accuracy in a demanding retail environment.

Buffalo Wild Wings - Certified Trainer — Bellingham, WA

November 2022 - October 2024

- Led the training and onboarding of **20+** new team members, developing and implementing modules that improved new hire performance by **15%**, demonstrating strong instructional and mentorship abilities.
- Mentored and guided staff, providing constructive feedback and performance assessments that resulted in a **10%** increase in team productivity and maintained high operational standards.
- Coordinated complex team logistics to ensure accurate and **20%** faster product delivery, significantly enhancing customer satisfaction and operational efficiency.

Starbucks - Barista — Arvada, CO

June 2021 - August 2022

- Optimized order processing and personalized recommendations, contributing to an **8-12%** improvement in customer satisfaction scores and demonstrating efficiency in high-volume environments.
- Resolved customer issues and built strong relationships, resulting in a **10%** increase in repeat business and showcasing effective problem-solving and communication skills.
- Performed routine maintenance and calibration on complex coffee equipment, ensuring operational readiness and reducing equipment downtime by **5%**, highlighting attention to detail and technical aptitude.

Chick-fil-A - Team Member — Westminster, CO

December 2020 - April 2021

- **Managed high-volume kitchen operations**, including food preparation and cooking, to meet rigorous quality standards and consistently fulfill orders during peak periods.
- Implemented efficient station rotation and workflow strategies, contributing to seamless kitchen flow and ensuring **timely order completion** in a fast-paced environment.
- Adhered strictly to **food safety and sanitation protocols**, maintaining a clean and organized workspace and ensuring compliance with health regulations.
- Collaborated effectively with a **team** to maintain operational efficiency and uphold strict brand standards, showcasing strong teamwork and adherence to quality protocols.