

AARON MALIKAYIL

Cincinnati, OH

Summary

Software Engineer with 4+ years of enterprise experience specializing in microservices architecture, cloud deployment, and full-stack system design. Proven track record of leading technical migrations, optimizing high-traffic platforms, and delivering scalable solutions for mission-critical systems. Expertise in modernizing legacy infrastructure and building robust distributed systems at scale.

Technical Skills

Languages: Java, JavaScript, TypeScript, SQL, Python, HTML/CSS, COBOL

Frameworks & Libraries: Spring Boot, React, Angular, Node.js, Reactive Programming

Cloud & DevOps: AWS, Docker, Kubernetes

Databases: Oracle, PostgreSQL, MySQL, MongoDB

Tools & Methods: Git, REST APIs, Microservices, Agile/Scrum, Bash scripting

Professional Experience

Software Engineer

September 2024 – Present

Vibrantech

Cincinnati, OH

- Contributed to migration of legacy COBOL applications to Java for IRS systems, acquiring COBOL proficiency to integrate new and existing system components
- Authored and deployed Bash automation scripts to automate recurring manual processes, improving team workflow and reducing operational errors
- Participated in requirements gathering for new Taxpayer Services Representative Portal, supporting discussions with IRS stakeholders to define project scope and functional specifications
- Provided comprehensive Operations and Maintenance (O&M) support for Grants approval applications, ensuring high availability and compliance with federal regulations

Solutions Specialist

May 2023 – September 2024

Deloitte (IRS Contract)

Cincinnati, OH

- Developed tax applications for professional preparers, individual taxpayers, and business entities using Spring Boot and Java for backend implementation
- Created and managed microservices alongside REST APIs, implementing efficient endpoints for tax processing workflows
- Implemented UX team designs through frontend development using React, delivering full-stack features from design to production
- Resolved defects and developed acceptance criteria for user stories, maintaining code quality and system reliability

Technologist Engineer I

June 2021 – May 2023

Worldpay by FIS

Cincinnati, OH

- Developed and maintained applications for generating, retrieving, delivering, and storing merchant-facing and internal documents
- Worked on development of document management system to replace existing Oracle product, implementing modern microservices architecture using Spring Framework
- Built reactive microservices using Spring WebFlux for improved system performance and real-time document processing
- Implemented frontend solutions using Angular for document retrieval and management interfaces
- Utilized Oracle as primary database platform, optimizing queries and designing efficient data models

Education

Bachelor of Technology in Computer Science and Engineering

2016 – 2020

Kerala Technological University

India

Certifications

Machine Learning Specialization

2025

Coursera (Stanford University / DeepLearning.AI)

- Credential: coursera.org/share/0bb9eb9dd365e6b7058b55ef0b8dc5d4