David LaMartina
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SOFTWARE ENGINEER | L5 @ AMAZON | FULL-STACK & CLOUD-NATIVE SYSTEMS
Experienced software engineer with 7+ years delivering scalable, high-impact systems at industry leaders including Amazon and Microsoft. Proven track record in designing cloud-native architectures, building full-stack applications used by millions, and mentoring teams. Strengths in backend microservices (Java, Kotlin, AWS), frontend systems (React, TypeScript), DevOps, and cross-functional collaboration. Highly skilled in both written and verbal communication, with a strong background in technical documentation, stakeholder alignment, and knowledge transfer.

TECHNICAL SKILLS

Languages: Java, C#, Python, TypeScript / JavaScript, Dart, SQL
Frameworks & Tools: React, Node.js, Flutter, AWS CDK, Docker, Git, GenAI
Cloud Platforms: AWS (EC2, Lambda, S3, DynamoDB, CloudWatch, SQS), Azure
Databases: PostgreSQL, MySQL, SQL Server, DynamoDB, MongoDB
Testing & CI/CD: JUnit, Cypress, Selenium, Jenkins
GIS Tools: ArcGIS Pro, ArcMap, QGIS, PostGIS

PROFESSIONAL EXPERIENCE

Amazon • Software Development Engineer II (L5)
Aug 2022 – Present | Dallas, TX - Founding engineer on the BXT-Regulators team, building a cloud-native, microservice-based platform powering benefits administration for 1M+ Amazon employees. - Designed and scaled configuration-driven UI and service architecture deployed globally to over 20 countries. - Implemented automated testing pipelines to enable CI/CD and reduce manual QA overhead by dozens of hours weekly. - Led overhaul of the employee discount service, cutting on-call incidents by 90%. - Mentored junior developers and interns in system design, testing, and on-call excellence.

Microsoft • Software Engineer (Contract)
Mar 2022 – Jul 2022 | Remote - Developed internal microservices and tooling for employee training administration across Microsoft. - Improved admin workflows, reducing time-to-completion for training-related tasks by 50%.

Schneider Electric • Software Engineer I
Feb 2021 – Mar 2022 | Remote - Built and customized GIS-based solutions for electric/gas utilities using C#, Python, and ArcGIS SDKs. - Developed integrations between Schneider and customer work management systems to enable real-time asset tracking.

New Century Software • Software Engineer I
Apr 2019 – Jan 2021 | Remote - Ported pipeline mapping tools from ArcMap to ArcGIS Pro using C#, Python, and custom SDKs. - Reduced data output times 100x by introducing C++ FileGDB optimizations.

CACI International • GIS Software Developer
Aug 2018 – Jan 2019 | Remote - Built automation tools for geospatial data extraction and validation used in defense/intelligence applications.

Freelance Copywriter • B2B Tech & SaaS Writer
2012 – 2018 - Created technical marketing content (white papers, case studies, blog posts) for Microsoft, EML Payments, and ThinkAdvisor. - Developed content strategies and led client relationships across tech and finance verticals.

EDUCATION

Oregon State University — B.S., Computer Science
Washington University in St. Louis — B.A., Humanities
National Merit Scholar

HIGHLIGHTS

- Architected greenfield Amazon microservices from scratch using Java, Kotlin, AWS CDK, and Terraform.
- Shipped production-grade full-stack applications with React, Node, and Flutter.
- Led deployments and rollouts for services used by over 1 million users.
- Deep background in regulated, enterprise-grade software: utilities, finance, and government.