Dominque D. Lawson
SOFTWARE ENGINEER | FULL STACK & CLOUD DEVELOPER
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Professional Summary

Results-driven Software Engineer with 4+ years of experience specializing in full-stack development, cloud computing, and DevOps automation. Expertise in React, TypeScript, Java, Spring Boot, AWS, and CI/CD pipelines, delivering scalable, high-performance applications. Proven ability to reduce operational costs, enhance security, and streamline deployment processes. Passionate about building innovative software solutions that enhance user experience and drive business growth.

SKILLS

Programming Languages: *Java, JavaScript, TypeScript, Python, C#, Dart*
Web & Mobile Frameworks: *React.js, Spring Boot, .NET, Flutter, Redux*
Cloud & DevOps: *AWS (SQS, SNS, Lambda, DynamoDB, S3, API Gateway, Cognito, Amplify, CloudFormation), Docker, CI/CD, GitHub Actions, Terraform*
Testing & Debugging: *Jest, JUnit, Mockito, Cypress, Selenium*
Database Technologies: *SQL, MySQL, PostgreSQL, DynamoDB, MongoDB*
Project Management: *Agile (Scrum, SAFe), Jira, Confluence*
Security: *IAM, OAuth, Security Best Practices*
Operating Systems: *Windows, Linux, MacOS, Android*
Scripting: *PowerShell, Bash*

EXPERIENCE

Cedarware Corporation – *San Marcos, California*
Software Engineer (*Oct 2024 – Present*)
Contributed to the innovative research, development, and engineering of medical and commercial devices utilizing modern technologies like Bluetooth, BLE, Lora WAN, and Sidewalk by leveraging my expertise in software development and cloud-based solutions.
- Designed and developed a desktop application that automated provisioning, reducing production time by 300+ hours per device and saving $500K in operational costs.
- Resolved computational inaccuracies in legacy code, increasing customer satisfaction by 25%.
- Enhanced security posture by implementing **AWS Cognito** authentication, improving access control by 30%.
- Automated cloud deployment with Infrastructure as Code (**AWS CloudFormation, AWS CDK**).

Zero Day Associates – *Remote, California*
Cloud Engineer (*March 2024 – Oct 2024*)
Developed and deployed scalable web applications for clients using AWS cloud services, integrating front-end and back-end solutions using React and .Net framework. Delivered customer-focused solutions by optimizing performance, reducing costs, and ensuring high availability, while streamlining the development process through automated CI/CD pipelines.
- Developed and deployed scalable web applications leveraging **AWS Lambda**, **S3**, **and DynamoDB**, increasing client deployment efficiency by 25%.
- Improved application performance and reduced latency by 30%, optimizing **serverless architecture**.
- Designed and integrated **DynamoDB** database structures into React-based front-end systems.

Prime Video & Amazon Studios – *Culver City, California*
Software Development Engineer (*Aug 2022 – Feb 2024*)
Enhanced user experience for catalog administrators by implementing an intuitive design and improving responsiveness in the React-based front end. Utilized AWS tools, including Lambda functions and DynamoDB, to optimize data storage and

processing. Applied strong business process modeling and project management skills to analyze and troubleshoot complex software issues, delivering timely solutions to meet project deadlines.

- Reduced database query response times by 30% using AWS Lambda and DynamoDB.
- Redesigned the React-based UI, improving usability and reducing task completion time by 20%.
- Developed full-stack features with React.js and Java, increasing team efficiency by 15%.

Interrogas – *Remote, California*
Full Stack Software Engineer (*Feb 2021 – Aug 2022*)
Utilized a variety of client-side and server-side technologies to build and maintain scalable applications, ensuring optimal performance and user satisfaction. My role involved extensive business process modeling, project management, and effective communication with cross-functional teams to deliver high-quality software products.

- Developed and integrated **RESTful APIs** with **ASP.NET Core,** enhancing data communication and reducing API failures by 20%.
- Engineered a responsive admin login system using **React**, **Material-UI**, and **Bootstrap**.
- Optimized **MS SQL Server** database performance, improving query efficiency.

CERTIFICATIONS

- **Google Cybersecurity Certificate** (*Jan 2025*) – Google
- **Apprenticeship in Software Engineering** (*Jan 2024*) – U.S. Department of Labor
- **Certificate in Software Development Engineering** (*Jan 2023*) – TLG Learning
- **Full Stack Web Development Certificate** (*Jun 2022*) – Sabio School of Software Engineering

EDUCATION

San Diego State University – *San Diego, California*
Bachelor's Degree in Business & Entrepreneurship (*May 2019*)
Concentrations: Project Management, Operations Management, Data Analysis

LEADERSHIP & ACTIVITIES

- **President, National Pan-Hellenic Council** (*Led a 60+ member organization, organized mentorship initiatives*)
- **Mentor, Dr. JAM Youth Mentorship Program** (*Guided underprivileged high school students in career development*)