Maya V. Sterling

Full-Stack Software Engineer | Chicago, IL m.sterling.dev@email.com | github.com/msterling-codes | linkedin.com/in/mayasterling

SUMMARY

Innovative Software Engineer with 4+ years of experience specializing in building scalable web applications and cloud-native solutions. Proven track record of optimizing database performance and leading front-end migrations. Passionate about DevOps automation and mentoring junior developers.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (Node.js), Go, SQL, Python

Front-End: React, Next.js, Tailwind CSS, Redux

Back-End/DevOps: PostgreSQL, MongoDB, Docker, AWS (S3, EC2, Lambda), Redis

Tools: Kubernetes, Terraform, Jest, Cypress, Jenkins

PROFESSIONAL EXPERIENCE

Nexus Tech Solutions | Senior Software Engineer | 2021 – Present

Designed a microservices-based inventory system using Node.js and Docker, reducing server latency by 35%.

Led a team of 4 developers to migrate a legacy PHP monolith to a modern React/Next.js stack.

Implemented automated CI/CD pipelines using GitHub Actions, cutting deployment time from 40 minutes to under 10.

BlueStream Digital | Junior Web Developer | 2019 – 2021

Developed and maintained 15+ client websites using TypeScript and PostgreSQL.

Optimized SQL queries and database indexing, resulting in a 20% improvement in page load speeds for high-traffic e-commerce sites.

Collaborated with UI/UX designers to implement pixel-perfect, accessible components (WCAG 2.1 compliance).

TECHNICAL PROJECTS

EcoTrack: Carbon Footprint Analyzer | [Go, React, AWS]

Built a real-time tracking API in Go that processes user utility data to calculate environmental impact.

Deployed the application using AWS Lambda for a serverless, cost-efficient architecture.

SecureVault: Password Manager | [Python, Cryptography]

Designed a desktop security tool utilizing AES-256 encryption for local sensitive data storage.

Created a custom CLI for rapid entry retrieval and master-key management.

EDUCATION
B.Sc. in Computer Science University of Illinois Chicago | Graduated 2019

CERTIFICATIONS
AWS Certified Solutions Architect – Associate

Meta Front-End Developer Professional Certificate