Omar Flores

Senior Software Engineer
Chicago, IL • omar.flores.cs@outlook.com • https://www.linkedin.com/in/flores-omar/

SUMMARY

Senior Software Engineer with 5+ years building cloud-native microservices on AWS and CI/CD for cybersecurity platforms. Works AI-first with Cursor and Claude Code agents while owning system design, code review, and production on-call. Ships full-stack products end to end.

WORK EXPERIENCE

Senior Software Engineer 2024 – Present
Software Engineer September 2022 – 2024
LevelBlue (formerly AT&T Cybersecurity), Chicago, IL

- Work AI-first: build with Cursor agents for implementation, refactoring, and tests while owning system design, specs, and code review, nearly doubling delivery throughput.
- Built a personal library of AI agent workflows (Claude Code skills) that automate Jira story creation from team templates, end-to-end story implementation, and Kubernetes troubleshooting.
- Piloted AI tools pre-rollout (early Cursor access); presented AI context best practices org-wide.
- On call every other week as one of two engineers; helped cut incident resolution time by 40%.
- Architected and deployed 25+ production microservices on AWS (EKS, ECS, Lambda) for reliability and scale.
- Cut build times 75% with parallel pipelines and deploy times 80% with automated releases.
- Built Cypress test suites that raised test coverage by 60% and cut regression testing time by 90%.
- Built Grafana and Elasticsearch monitoring, speeding issue detection and resolution by 90%.

Software Engineer – Technology Development Program August 2021 – September 2022
AT&T Cybersecurity, Chicago, IL

- Rotated onto the AT&T Cybersecurity engineering team and converted to a full-time role.

PROJECTS

Glow by Omar – Photography Business (glowbyomar.com) Next.js, TypeScript, Supabase, Vercel

- Built the site with a Google Calendar booking flow (auto-held slots, approvals) and contact form.
- Built a Supabase client gallery: PIN access, watermarks, payment-gated downloads, proofing.
- Built both apps with Claude Code, using context files and custom skills (e.g., proof previews).

AI Email Triage Automation n8n

- Built an n8n workflow using an LLM to rank Outlook and Gmail email by priority and auto-file it.

SKILLS

Languages: Go, Java, JavaScript/TypeScript, Python, SQL, Bash, PowerShell
Frameworks: Node (Nest.js, Express), Java (Spring Boot, Vert.x), Go (Echo, Gin), React, Next.js
AWS: EKS, ECS, EC2, Lambda, S3, Aurora RDS, MSK (Kafka), OpenSearch, IAM, CloudWatch
DevOps: Kubernetes, Docker, Argo CD, GitHub Actions, Bitbucket, Nexus, Grafana, Vercel; Microsoft Azure (coursework)
Databases: DynamoDB, MySQL, PostgreSQL, MongoDB, Elasticsearch, Supabase
Testing: E2E (Cypress, Cucumber), Go (Ginkgo, Gomega, Gomock), Java (JUnit, Mockito), Node (Jest)
AI: Claude Code (custom skills, agents), Cursor, Copilot, ChatGPT, Gemini, n8n, context engineering

EDUCATION & CERTIFICATIONS

University of Illinois at Chicago – B.S. Computer Science, Minor in Mathematics (May 2021)
ISC2 – Certified in Cybersecurity (June 2023)