

Daniel Okonkwo

Senior Software Engineer

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■ SUMMARY

Senior software engineer with 8 years building service-oriented backends in Java and Python. Owns features end to end, from problem framing through deployment and on-call, and has cut latency and infrastructure cost on systems serving millions of requests a day. Mentors two to three engineers at a time.

■ EXPERIENCE

Senior Software Engineer, Northwind Payments

04.2022 – Present

- Designed and developed service-oriented architecture for the payouts platform, replacing a monolith path that handled 4M requests a day; cut p95 latency from 840ms to 210ms.
- Owned delivery of merchant refunds end to end — problem framing, design review, rollout behind a feature flag, and the on-call runbook that followed it.
- Built the CI/CD pipeline in GitHub Actions that took the team from weekly releases to 12 deploys a day, with automated rollback on error-rate regression.
- Reduced AWS spend 31% (\$18K/month) by right-sizing Kubernetes workloads and moving batch reconciliation to spot instances.
- Mentored three engineers through their first year; two were promoted to mid-level within 18 months.
- Led the incident review process for the payments group, taking repeat incidents from 9 a quarter to 2.

Software Engineer, Cedarline Logistics

06.2019 – 03.2022

- Built REST and gRPC services in Java (Spring Boot) for shipment tracking used by 40+ carrier integrations.
- Led the migration of 1.2M records from MySQL to PostgreSQL with zero downtime and no data loss, two days ahead of schedule.
- Added structured logging, metrics and tracing across six services, cutting median incident diagnosis from 45 minutes to 12.
- Collaborated with the security team to close 23 findings from an external penetration test, including an authentication bypass in the partner API.

Junior Software Engineer, Bellrock Systems

01.2018 – 05.2019

- Developed internal tooling in Python and React used daily by a 30-person operations team.
- Wrote the unit and integration test suite for the billing module, lifting coverage from 38% to 84%.
- Ran the fortnightly engineering brown-bag and onboarded two interns.

■ EDUCATION

B.S. Computer Science, University of Texas at Austin

08.2014 – 12.2017

■ SKILLS

Java, Python, TypeScript, Spring Boot, React, PostgreSQL, REST & gRPC APIs, Microservices, AWS, Kubernetes, Terraform, CI/CD (GitHub Actions), Observability & monitoring, Application security, Agile / Scrum, Docker, Git, Linux

■ CERTIFICATIONS

AWS Certified Solutions Architect – Associate, Amazon Web Services (05.2023)

■ LINKS

GitHub: github.com/example-daniel

LinkedIn: linkedin.com/in/example-daniel