



PRIYA RANGANATHAN

Software Engineering

Backend-leaning software engineer with 6 years building payment and identity services on AWS and Kubernetes. Comfortable owning a feature from API design through on-call, and I like writing the test that catches the bug before the customer does.

Contact Information



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Education

B.S. in Computer Science, Oregon State University, 2019

AWS Certified Solutions Architect - Associate, 2021

Key Skills

- Go
- Python
- PostgreSQL
- AWS (EKS, Lambda, S3, RDS)
- Kubernetes and Helm
- REST and gRPC API design
- Distributed systems and event-driven architecture
- Terraform and infrastructure as code
- Observability with Datadog and OpenTelemetry
- CI/CD with GitHub Actions
- Incident response and on-call leadership
- Code review and mentorship

Professional Experience

SOFTWARE ENGINEER II | LUMENPATH SYSTEMS, PORTLAND, OR 2022 – PRESENT

- Rebuilt the checkout authorization service in Go, cutting p95 latency from 612ms to 184ms across roughly 40M monthly requests.
- Led the migration of three legacy services off EC2 onto EKS, reducing infrastructure spend by about a quarter.
- Added contract tests between billing and fraud, which caught two would-be production incidents during staging in the last year.
- Mentor two junior engineers through code review and pairing sessions; both promoted within 14 months.

SOFTWARE ENGINEER | NORTHWAVE ANALYTICS, PORTLAND, OR 2019 – 2022

- Shipped the customer-facing reporting API used by 1,200+ B2B accounts, with 99.95% uptime over 18 months.
- Wrote the Postgres query layer that powered weekly exports; reduced average export time from 6 minutes to under 90 seconds.
- Owned PagerDuty rotation for the data platform team and authored the first runbook for partial S3 outages.
- Pushed the team to adopt feature flags, which let product release the new dashboard to 5% of users before a full cutover.