



PRIYA RAMAN

Software engineer with 6 years building distributed backend services in Go and Python. Shipped payment and search systems serving millions of requests per day. Comfortable owning a feature from design doc through on-call rotation.

CONTACT INFORMATION



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Raleigh, NC

KEY SKILLS

- Languages: Go, Python, TypeScript, SQL
- Infrastructure: Kubernetes, AWS (ECS, RDS, S3), Terraform
- Data: PostgreSQL, Kafka, Redis, Snowflake
- Observability: Datadog, OpenTelemetry, Grafana
- Practices: code review, on-call, design docs, RFC authoring
- CI/CD: GitHub Actions, ArgoCD

Professional Experience

SOFTWARE ENGINEER II | HALBERD SYSTEMS, RALEIGH, NC
FEBRUARY 2022 - PRESENT

- Rebuilt the order-routing service in Go, cutting p99 latency from 880ms to 210ms and eliminating a recurring weekend pager incident.
- Designed an idempotency layer for the payments API after a duplicate-charge bug surfaced in QA; shipped with feature flag rollout across 3 regions.
- Mentor for two interns and one new-grad hire; both interns received return offers.
- Wrote the on-call runbook for the checkout cluster, which dropped average incident response time from 22 minutes to about 8.

SOFTWARE ENGINEER I | LINDEN ANALYTICS, DURHAM, NC
JUNE 2019 - JANUARY 2022

- Built ingestion pipelines in Python and Kafka, processing roughly 40M events daily for a customer behavior product.
- Owned migration from a single Postgres instance to a sharded cluster; coordinated cutover with zero downtime over a weekend window.
- Added a tracing layer using OpenTelemetry that let support engineers diagnose customer issues without escalating to the on-call engineer.
- Reviewed roughly 600 pull requests across the data platform team over two years.

Education

- B.S. Computer Science
North Carolina State University | May 2019
- Coursework: Distributed Systems, Algorithms, Operating Systems, Databases