



PRIYA RAMAN

Entry Level Software Engineer

Recent CS graduate with two internships shipping production code in Python and TypeScript. Comfortable owning small features end-to-end, from design doc to on-call rotation. Looking for a backend or full-stack role on a team that mentors juniors.

CONTACT INFORMATION



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KEY SKILLS

- Python
- TypeScript / JavaScript
- Go
- React
- PostgreSQL
- REST APIs and microservices
- Git and GitHub pull request workflows
- Docker
- Linux / Bash
- Unit and integration testing (pytest, Jest)
- SQL query optimization
- Technical writing and documentation

PROFESSIONAL EXPERIENCE

Summer 2024

Software Engineering Intern, Fernwood Logistics, Raleigh, NC

- Built a shipment-tracking microservice in Go that replaced a legacy cron job; cut average status-update latency from 11 minutes to under 30 seconds.
- Wrote integration tests covering the carrier webhook flow, which had previously broken twice in production with no warning.
- Paired with a senior engineer on a Postgres migration; learned how to write reversible Alembic scripts the hard way.
- Presented the project at the end-of-summer demo to ~40 engineers and the VP of Engineering.

Summer 2023

Software Developer Intern, Briarstone Health Tech, Remote

- Added pagination and search to an internal admin tool used by ~60 clinical operations staff, replacing a 'load everything' query that was timing out daily.
- Fixed 14 bugs across the React frontend, including a state-sync issue that had been open for several months.
- Wrote the team's first README for local setup; new interns the following semester used it as their onboarding guide.

2022 - 2024

Undergraduate Research Assistant, NC State Systems Lab, Raleigh, NC

- Built a benchmark harness in Python to compare three graph databases on a 2.4M-node dataset; results were used in a published workshop paper.
- Maintained the lab's shared GPU server, including user accounts, CUDA upgrades, and weekly backups.
- Mentored two underclassmen on git workflows after they nuked a shared branch.

EDUCATION

B.S. in Computer Science, North Carolina State University, 2024

Relevant coursework: Distributed Systems, Databases, Algorithms, Operating Systems, Software Engineering

Undergraduate workshop paper co-author, IEEE Big Data Workshop on Graph Systems, 2024