

Ayush Goyal

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EXPERIENCE

Grafana Labs

Senior Software Engineer

London, UK

November 2022 - Present

- Led the Cloud Engine project, the most critical initiative in the GCK6 group **aligning multiple stakeholders** across squads, facilitating architecture decisions, and managing a cross-functional backend team through delivery.
- Added cloud support for k6 browser tests by implementing the most efficient and cost-effective approach to running Chromium containers in the cloud. This work directly contributed to revenue growth, as browser tests account for **20% of cloud revenue**.
- Delivered the **OpenAPI-to-k6** converter solo end-to-end; onboarded large enterprise customers, drove feature iterations from their feedback, and presented at GrafanaCon Seattle to market the toolset.
- Drove the k6 GitHub Actions project from scratch to production, implemented PR test-run summaries, coordinated blog posts and secured formal GitHub Marketplace approval.
- Eliminated **~\$2,000/month** in unnecessary AWS spend; resolved critical/high CVEs across multiple repositories; optimised CI pipeline saving **~30 minutes per test suite run**.

Postman

Software Engineer - II

Bangalore, India

August 2021 - November 2022

- Implemented an **eventing system** that allows asynchronous events to go through a complete pipeline that includes an ingestor service, an AWS SNS Broker and finally a consumer to process the events. This reduced interdependence between teams and increased velocity. Presented a **talk** in the **AsyncAPI 2022 conference** on the same. [Talk](#)
- During hackday, designed and developed a **Sentry integration for Postman**. Followed up on it after the hackday and did the product and engineering specs, implementation and release. Currently, this project is in production.
- Worked on adding sessions construct for the existing **proxy and interceptor feature** allowing users to persist captured requests and play around with them using Postman. This is currently being used by over 7000 users per week.
- Designed and developed a feature to run tests in CI pipeline via Postman collections, and then ingest the collection run data back in Postman. This also powered the linking of collection run results with the CI build for all CI integrations.

Anveshan

Chief Technology Officer

Gurgaon, India

Oct 2020 - June 2021

- Built the entire technical stack solo from scratch, a supply chain app in React Native and Django with CI/CD, reducing customer returns from **20/month to 0** via a QR-based traceability solution.
- Automated customer complaint tracking, replacing Google Sheets and improving sales team productivity by **70%**; grew website impressions **3X in two months** via programmatic SEO.
- Hired and trained **3 interns and 1 full-time engineer**; managed third-party vendor relationships.

Rippling

Software Engineer

Bengaluru, India

May 2019 - Oct 2020

- **HackWeek 2019 Winner** company-wide: built a secure Google Forms alternative that was added to the product roadmap.
- Automated insurance data retrieval from partners without APIs, improving data coverage to **90%** and minimising manual anomaly detection effort.

ACHIEVEMENTS

- **Winner at INAE Youth Conclave (2018)**
- **Winner at Hypertrack Challenge at Angel Hacks (2018).**
- **Google Summer of Code Scholar at OpenMRS (2017)**
- **2nd Runner's Up worldwide at Digital Ocean Cloud Hack (2017)**
- **Second Runner's Up at Inter IIT Tech Meet (2016)**
- **First Runner Up at Microsoft Code.Fun.Do (2016)**

PROJECTS

- **DrishtiKit : Portable Eye Testing Solution** DPIIT-recognised healthcare startup building the world's most affordable portable phoropter for community vision screening. Developed an **offline-capable mobile app** (iOS/Android/Web) with AI analytics and patient management. Enabled **15,000+ screenings**. Granted a **design patent** for the hardware. [Website](#)
- **Postman to OpenAPI** : A Next.js web app to **convert postman collections to OpenAPI schema** files securely on the user's browser. [Website](#)

SKILLS

- **Programming Languages and Frameworks:** Node.js, Python, Go, JavaScript, Flutter; **Tools:** AWS (Fargate, ECR, SNS), Kubernetes, Grafana, Prometheus, k6

EDUCATION

Indian Institute of Technology, Kharagpur

Bachelors in Technology

West Bengal, India

July 2015 - April 2019

Georgia Institute of Technology

Masters in Computer Science

Remote

January 2025 - Present