

Aditya Rao

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EXPERIENCE

Senior Software Engineer — Kitebird

Aug 2024 – Present · Bengaluru, India

- Own the payouts reconciliation service in Go, which matches around 3 million bank transactions a day against our ledger in PostgreSQL.
- Run our services on Kubernetes with Helm charts per environment and wrote the runbooks for the three most frequent pages.
- Moved reconciliation from one nightly run to a run every 15 minutes by splitting the work per bank and processing banks in parallel, so mismatches now surface the same morning.
- Set up Prometheus alerts and Grafana dashboards for reconciliation lag and take part in the team's on-call rotation.

Software Engineer II — Flipkart

Jul 2021 – Jul 2024 · Bengaluru, India

- Responsible for ingestion services in Go and Postgres for the search team; brought indexing delay from 40 mins to 90 secs, handling approx 40k events/sec.
- Maintained internal admin dashboards in React
- Mentored two interns through their first release

Software Engineer — Tessellate Labs

Jul 2019 – Jun 2021 · Chennai, India

- Built REST APIs in Java and Spring Boot for a shipment tracking product used by 40 enterprise customers.
- Rewrote the slowest MySQL queries behind the shipment report, taking it from 2 minutes to 8 seconds.
- Containerised the services with Docker and set up the Jenkins pipeline for staging deploys.

EDUCATION

B.Tech in Computer Science and Engineering — National Institute of Technology, Tiruchirappalli

Aug 2015 – May 2019 · 8.12 CGPA

SKILLS

Go · PostgreSQL · Kubernetes · Helm · Docker · Prometheus · Grafana · React · Java · Spring Boot · MySQL · Jenkins · REST API · SQL · Git · Linux