Raman Tehlan

https://ramantehlan.github.io/
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EDUCATION

SRM UNIVERSITY
B.Tech in Computer Science
May 2016 - May 2020

ACTIVITIES

• 25+ OSS Projects • 5+ Hackathons • 2 Startup Weekends • Core-organizer of PyData Delhi

SKILLS

Backend | Frontend
GO • Python • JS/TS • React • NextJs • Vite • Tailwind

Databases
MongoDB • Redis • PostgreSQL

DevOps
Kubernetes • Docker • Linux • Git • Nginx Terrform • CI/CD • GCP • AWS • Azure Prometheus • Grafana • Istio • PagerDuty Helm • Redash • Kong

Messaging Brokers | BigData
RabbitMQ • Kafka • PubSub • Airflow • Jupyter • Redash • BigQuery

QA | Security
k6 • Locust • Burp Suite

Architecture | Other
Microservices • Serverless • Event Driven • Hexagonal • REST • gRPC • WebHooks • WebSockets • Prompt Engineering • Sentry • PostHog

LINKS

Blog: ramantehlan.github.io/blog
Github: ramantehlan
Twitter: @ramantehlan
LinkedIn: in/ramantehlan

EXPERIENCE

ZURICH LAB | Founder
Feb 2024 – Present | Remote
• VS Code Extension : Developing a tool to autogenerate codebase architecture visualizations for faster onboarding and collaboration. vxplain.in
• Cloud Consulting : Advised YC startups TrueFoundry and DrDroid on CloudNative tooling.
• Kubernetes Operator : Built a cloud-agnostic autoscaling Kubernetes operator that handles custom scaling parameters while preserving all requests during scaling events, improving upon KEDA's limitations with simple 2-command integration.

STOCKGRO | Senior Software Engineer
Oct 2020 – Jan 2024 | Bengaluru, IN
• Observability Monitoring : Set up Grafana + Prometheus created a library to auto-export API metrics in Gin, leading the migration to monitor all codebases for reliability.
• Infra Performance Optimisation : Managed Kubernetes-deployed internal tools streamlined the API gateway by configuring benchmarking NGINX vs. Kong, reducing latency. Built a standardised authentication layer to centralize security, simplifying authentication management for all services.
• Load Testing : Built a load-testing framework using k6 with Prometheus reporting to improve performance metrics.
• Team Leadership : Architected subscription service lead the team. supported hiring through 100+ technical interviews.
• Data Pipelines : Built robust data pipelines using self-managed Airflow Hevo, feeding into custom dashboards via a self-hosted Redash for cross-team product analytics.
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• Incident Management : Developed incident response runbooks in Jupyter Notebooks to resolve recurring issues, streamlining incident management reducing MTTR.
• Payment Systems : Architected implemented a scalable, secure payment system, handling 30M+ daily transactions with end-to-end oversight. Integrated multi-gateway support (RazorPay, Stripe, Apple), advanced fraud detection, KYC verification, automated reconciliation. Enhanced transaction security with fraud detection, auto-blocking for suspicious beneficiaries, withdrawal limits.
• Notification System : Designed a high-throughput notification platform built an admin interface in React, enabling targeted user engagement.

SELECTED PROJECTS

GOOGLE SUMMER OF CODE | Software Engineer Intern
May 2020 – Aug 2020 | nteract, NumFOCUS | Remote
Created application for reproducible computing using nteract and Binder—ability to start a remote interactive notebook session via a unique URL, with content provided by any version control system.