

Saket Saumya

☎ +91-7389987820

✉ saket.iit@gmail.com

🌐 [linkedin.com/in/saket13](https://www.linkedin.com/in/saket13)

🐙 github.com/saket13

Software Engineer with 4+ years of experience in Java, distributed backend systems, and microservices.

WORK EXPERIENCE

PhonePe

Software Engineer 2 (Promoted)

Java, Dropwizard, MariaDB, Aerospike, RabbitMQ, HBase, Kafka

Bangalore, India

June 2023 - Present

- **Visana Split:** Split PhonePe's 2nd largest monolith into category-specific microservices, routing app and cross-DC ingress traffic to new services with zero-downtime canary rollout (CUG → 10% → 50% → 100%). Zero production bugs, reduced deployment pipeline time by 43% and eliminated cross-category release conflicts (5-6 incidents/month → 0).
- **ULIP:** Leading a team of 3 in E2E backend development of PhonePe's ULIP product targeting 30M+ MAU (₹10Cr+ business). Designed HLD/LLD approved by Architect, driving insurer API integrations, and pre-to-post payment journeys.
- **Janus V2:** Engineered a configurable workflow orchestration framework with pre-filling, journey resumability and simulations. Serves 10M+ workflows/day at P99 < 250ms, adopted across 2 BUs and 6+ pods, powering 15+ journeys.
- **Stored Mandates:** Executed a cross-cluster MariaDB migration of 600k+ policy mandates, implementing phased dual-write with feature-flagged traffic rollout and row-level checksum validation. Developed mandate lifecycle APIs for Health/Life categories, powering the Collection Engine for at-scale mandate processing.
- **Product Feature Launches:** Boosted Life Insurance payments by 20% and average monthly ticket size from ₹1150 to ₹1320 via Limited Pay feature, onboarding 7 insurers across 5 plans. Built Life status tracking, surfacing real-time policy lifecycle updates across 6 insurers, app, agent console, and ops dashboards.
- **Open Source:** Contributed a session-reuse mechanism to PhonePe's open-source DB sharding bundle, eliminating premature DB session closure for transactions - adopted across 25+ teams at PhonePe.

Healthify

Associate Software Engineer

Bangalore, India

June 2022 - April 2023

- Eliminated P0 4xx production outages in automated chat system by designing a RabbitMQ backed Golang event processor for rate limited processing. Improved tail-latency P98-P99 of 7k+ TPS legacy MySQL transactions by optimizing indexing, query planning and batching to reduce network RTTs.
- Reduced Customer Delight team chat volume by 25% by building a Django based Infra to manage 250k+ premium plan subscriptions and launching in-app features like coach change and plan pause/resume.

INTERNSHIPS AND CONTRIBUTIONS

Paytm

Software Engineer Intern

Noida, India

January 2022 - June 2022

- Led design and development of a dynamic feature flag in Java and Spring for Payments, eliminating mandatory login and reduced payment completion time by over 60%. Implemented event-driven Kafka APIs handling 20M+ online/offline merchant communication channels.

houzen

Technology Consultant (Promoted from Intern)

London, UK, Remote

April 2021 - June 2022

- Decoupled services using Pub/Sub pattern with Python, Redis and Kinesis. The system was able to asynchronously value 3M+ Real Estate properties in bulk.
- Saved £50k in third-party licensing fees by building an in-house tool rating millions of Central London properties using neighborhood health indicator scores. Improved CI/CD pipelines and AWS Infrastructure, reducing developers on-boarding time from 1 day to 30 mins and accelerating feature release by 60% through 1-click deployments.

SKILLS

Languages/Frameworks: Java (Dropwizard), Python (Django/Flask/FastAPI), C/C++, SQL

Databases: MySQL, Aerospike, HBase, Redis, Elastic Search, BigQuery, MongoDB

Cloud-DevOps: AWS, Docker, Kafka, CloudAMQP, Grafana/New Relic, Sentry

PROFILES

- Profile links on coding platforms : [LeetCode](#) [HackerEarth](#) [CodeChef](#) . Finished 259th out of 10,000+ participants in June'19 Long (Codechef) & 290th out of 7,000+ participants in May'20 Circuits (HackerEarth).

EDUCATION

Indian Institute Of Information Technology, Gwalior

Integrated Post Graduation (B.Tech+M.Tech) in Information Technology; CGPA: 8/10

India

July 2017 - May 2022