

Ayush Gupta

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Skills

Languages: JAVA, Go, Javascript

Technologies: Docker, Kubernetes, Kafka, Node.js, Spring Boot, RabbitMQ, AWS, Redis, GRPC, REST APIs, Prometheus, Grafana

Databases: PostgreSQL, MySQL, MongoDB, AWS DynamoDB, SQL Server

Experience

SDE-3 December 2022 – Present
Angel One *Bangalore, India (Remote)*

- Led a team of 5 engineers to build the core risk management platform for a trading platform with a P99 latency of 25ms.
- Designed and developed a high-performance rule engine mitigating compliance and margin shortfall risks. Engineered using Go and focused on high performance and correctness testing, achieving a sub-millisecond processing time.
- Defined medium-term milestones and execution plans for a multi-year initiative, aligning project success with long-term organizational goals.
- Improved performance and scalability by designing a Kafka-based communication system.
- Established a monitoring and alerting system with Prometheus, Grafana, and Alertmanager.

Senior Software Engineer September 2021 – November 2022
Gojek *Bangalore, India (Remote)*

- Managed a 6-person team to develop an automated central identity verification platform, efficiently processing 100 document sets per second across an average of 8 stages per set.
- Pioneered RabbitMQ integration, optimizing async workloads and replacing Sidekiq, increasing system maintainability and reliability.
- Translated product initiatives into actionable engineering items for efficient project execution.
- Designed end-to-end architecture and data flow diagrams for robust performance.

Software Engineer 2 August 2020 – September 2021
Postman *Bangalore, India (Remote)*

- Pioneered a self-serve change management platform, empowering teams to integrate with Version Control.
- Transformed user stories into actionable tasks aligned with business OKRs.
- Optimized core product workflow by 70%, reducing error rates by 80%.

Senior Software Developer December 2018 – August 2020
Paisabazaar *Gurgaon, India*

- Orchestrated mutual funds platform revamp, driving key architectural decisions, managing transactions of millions of dollars daily.

- Saved 30% operations' teams daily man hours by automating previous manual tasks using incoming e-mail parsing and UI automation.
- Managed 200,000+ user migration with zero downtime.
- Engaged with stakeholders to address bottlenecks and pain points, reducing customer complaints by 66%.

Senior Software Engineer

January 2018 – December 2018

Blocknomic Technologies Ltd.

Gurgaon, India

- Led 3 engineers in developing a cryptocurrency exchange aggregator and making crucial architectural decisions.
- Led the successful conversion of HTML wireframes to React.js app conversion in 2 weeks.
- Integrated with public blockchains for real-time transactions.
- Designed distributed, real-time data aggregation system for unified user data view.
- Established connections with partner exchanges for cross-platform trading.
- Authored design documents, expediting new partner integration.

Software Engineer

July 2016 – December 2017

Seraro Solutions Ltd.

Noida, India

- Developed an event-driven IoT tracking platform using serverless architecture and AWS services.

Education

Guru Gobind Singh Indraprastha University

August 2012 – June 2016

Bachelors of Technology - Computer Science and Engineering

Delhi, India