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