

Ayush Gupta

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Professional Summary

Results-driven Engineering Leader with 9+ years of experience leading cross-functional teams to architect, scale, and optimize mission-critical, high-throughput systems processing millions of transactions daily at sub-25 ms latency. Proven record of delivering multi-million-dollar ARR gains and major performance improvements across trading, fintech, and SaaS domains. Adept at driving engineering excellence through mentorship, process optimization, and robust architectural design, while aligning technical solutions with strategic business goals.

Experience

Angel One

Bangalore, India

Engineering Manager

April 2024 – Present

- Managing multiple teams of a total of **11 engineers from mid-level to tech leads**, overseeing end-to-end execution of **multiple key initiatives** across the Core Trading Platform of the Angel One broking ecosystem.
- **Mentored and upskilled** the team across various competencies, leading to **3 promotions** in a single financial year across multiple levels.
- **Coordinated with multiple teams** to gather requirements, document use cases, and define a seamless migration plan for platform adoption for an ongoing platform migration initiative.
- **Improved engineering velocity** through process enhancements in on-call readiness, CI/CD, code review practices, and standardized engineering guidelines.
- **Defined and executed rollout strategies**, including **SLAs, performance testing, and disaster recovery/high availability** for mission-critical systems.
- **Owned architecture and execution** across key systems, acting as the technical SPOC for cross-team initiatives; reviewed design docs, PRs, and contributed hands-on to unblock delivery.
- Led architecture and execution for a high-throughput Risk & Order Management system (**4K writes/sec, 50K reads/sec, P99 latency: 25ms**)
- **Led technical excellence** by coaching engineers through code and design reviews, pairing sessions, and reinforcing scalable software development practices.
- Collaborated with product, operations and other cross-functional stakeholders to balance business goals with engineering execution, ensuring timely and reliable delivery.

Angel One

Bangalore, India

Senior Software Engineer

December 2022 – April 2024

- **Led and managed a 7-engineer team** delivering the in-house risk management platform supporting around **11M orders/day** at **P99 25 ms**.
- Drove **architecture and design** of a self-serve, high-performance **rule engine** mitigating compliance & margin-shortfall risks; **reduced daily ops overhead by ~40%**.
- Led performance & load testing; collaborated with DBAs to tune indexes/queries, yielding **20% performance improvement**.
- **Established team-wide standards** in Go (style guides, SonarQube gates), and mentored the team in best practices improving maintainability and lifting **test coverage from 15% to 90%+**.
- Played a key role in planning and designing for **disaster recovery and HA setup** for the whole system.
- **Promoted to Engineering Manager** to expand leadership scope across additional initiatives.

Gojek*Bangalore, India***Senior Software Engineer**

September 2021 – November 2022

- Managed and mentored a 6-person team delivering an automated central identity verification platform processing 100 doc sets/second across 8 stages per set.
- Translated product initiatives into clear technical plans, prioritized backlogs, and aligned execution across security, data, and platform teams.
- Produced end-to-end architecture & data-flow designs for reliability, scale, and observability; defined runbooks and tightened on-call response.

Postman*Bangalore, India***Software Engineer 2**

August 2020 – September 2021

- Pioneered and implemented a self-serve change management platform, empowering teams to integrate with Version Control.
- Optimized core product workflow by 70%, reducing error rates by 80%.

PaisaBazaar*Gurgaon, India***Senior Software Developer**

December 2018 – August 2020

- 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.
- Engaged with stakeholders to address bottlenecks and pain points, reducing customer complaints by 66%.

Blocknomic Technologies Ltd*Gurgaon, India***Senior Software Developer**

January 2018 – December 2018

- Led 3 engineers in developing a cryptocurrency exchange aggregator and making crucial architectural decisions.
- Integrated with public blockchains for real-time transactions.

Seraro Solutions Ltd*Noida, India***Software Engineer**

July 2016 – December 2017

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

Technical Skills

Languages: Java, Go, Javascript, Python**Tools and Frameworks:** Docker, Kubernetes, Kafka, Node.js, Spring Boot, RabbitMQ, AWS, Redis, gRPC, REST APIs, Prometheus, Grafana**Databases:** PostgreSQL, MySQL, MongoDB, AWS DynamoDB, SQL Server**Education**

Guru Gobind Singh Indraprastha University

August 2012 – June 2016

Bachelors of Technology - Computer Science and Engineering

Delhi, India