

# Ayush Gupta

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## Professional Summary

Engineering Leader leading multiple engineering pods to deliver mission-critical, high-throughput platforms. Drives technical excellence through architecture and design reviews, code quality standards, and coaching that raises engineering maturity. Improves engineering productivity by optimizing DORA metrics — reducing lead time for changes by 70%, doubling deployment frequency, and cutting review cycle time by 50%. Creates execution clarity by defining dependency-aware roadmaps and aligning stakeholders, including CXOs, on priorities, risks, and decisions, enabling predictable delivery and faster outcomes.

## Experience

### Angel One

Bangalore, India

#### Engineering Manager

April 2024 – Present

- Led **multiple pods comprising 11 engineers** (mid-level to tech leads across backend and QA), overseeing architecture, execution, and delivery for mission-critical trading systems.
- Coached and mentored engineers resulting in **3 promotions in a single** financial year across multiple levels.
- Took over a **high-stakes platform modernization initiative mid-cycle**; through thorough prioritization and refining scope and milestones with stakeholders, cleared inherited backlog and delivered **100% of quarterly roadmap commitments** on schedule.
- **Built and owned the cross-org execution plan and delivery roadmap** (deliverables, timelines, dependencies, critical path, risks, success criteria); drove alignment across Product, Operations, Analytics, and multiple engineering teams; **secured timeline commitments and prioritisation across 4 teams and CXOs**, unblocking critical dependencies.
- **Improved productivity and DORA metrics** — reduced lead time for changes by **70%**, cut review cycle time by **50%**, and reduced average PR size by **72%**.
- **Set a culture** of code and design reviews; mentored engineers through **pairing sessions and design reviews**; set standards for code quality and design documents resulting in better engineering quality and velocity.
- **Provided architectural direction for a low-latency order execution platform** order execution platform processing **4K writes/sec and 50K reads/sec (P99 latency < 25ms)**.
- Established **on-call rotations, stakeholder communication channels, SLO/SLA standards, monitoring, and alerting**, reducing escalations and improving platform reliability.
- Stabilized execution during a major business pivot by **re-scoping roadmap, sequencing priorities, and managing stakeholder expectations** across product, operations, and engineering.

### Angel One

Bangalore, India

#### Senior Software Engineer

December 2022 – April 2024

- **Led 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%+**.
- Led **disaster recovery and HA setup** design efforts across the system.
- **Promoted to Engineering Manager** to expand leadership scope across additional initiatives.

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

September 2021 – November 2022

- Led 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**

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**Programming 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**

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**Guru Gobind Singh Indraprastha University**

August 2012 – June 2016

Bachelors of Technology - Computer Science and Engineering

Delhi, India