

Ayush Gupta

AyushG3112@gmail.com | +91-9013363330 | <https://www.linkedin.com/in/ayushg3112/>

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)

- Developed Proofs of Concept and performed performance, load and feasibility testing of Kafka based async communication leading to switch over from synchronous to asynchronous communication between services in the ecosystem.
- Performed domain-research, designed, reviewed and peer-reviewed domain data models and DB design.
- Created and presented release milestones and execution plans to streamline product delivery.
- Collaborated with relevant business stakeholders, operations teams and other teams to clarify requirements and define technical tasks for execution by self and other engineers.
- Built monitoring system based on Prometheus and Grafana, and alerting systems using alertmanager.
- Led multiple focus groups of junior engineers to execute and deliver multiple technical milestones across components.
- Organized and conducted regular knowledge sharing sessions with the team leading to upskilling of the team, as well as breaking up knowledge silos.

Senior Software Engineer

September 2021 – November 2022

Gojek

Bangalore, India (Remote)

- Developed Proof of Concepts and performed Proof of Feasibility analysis for switching over to RabbitMQ from Sidekiq for our asynchronous workloads.
- Collaborated and communicated with internal and external stakeholders for planned engineering initiatives, and used gathered information to break down the initiative into actionable items.
- Designed end-to-end architecture, user flow, and data flow diagrams for new mission-critical requirements from scratch.
- Led a team of 6 engineers to plan and execute the implementation of the new end-to-end automated central document processing platform, and played a key role in all initiatives across the team.

Software Engineer 2

August 2020 – September 2021

Postman

Bangalore, India (Remote)

- Spearheaded the design and development for a new change management platform, via which any team across the organization can integrate with the Version Control platform on a self-serve basis to provide version control experience for their entities.
- Converted user stories into actionable items based on requirements in alignment with business OKRs.
- Led the optimisation of core product workflows, causing an E2E improvement of upto 70%.

Senior Software Developer

December 2018 – August 2020

Paisabazaar Marketing and Consulting Private Limited

Gurgaon, India

- Drove the ground-up rework of the new mutual funds platform from conception to production while helping build the architecture from scratch, including making key High-Level and Low-Level decisions.
- Collaborated with different stakeholders and teams including Product, Business and Operations to understand the current bottlenecks in the process and top user complaints.
- Created plans to automate previously manual tasks and optimized major problematic workflows based on feedback and requirements collected from stakeholders.
- Led the migration of an active user base of over 200,000 active users, creating action and rollback, and fallback plans.

Senior Software Engineer

January 2018 – December 2018

Blocknomic Technologies Ltd.

Gurgaon, India

- As the first in-house tech hire, led a team of interns to drive the product from scratch to completion, including both frontend and backend and making key architectural decisions.
- Integrated with various public blockchains like Bitcoin, Ethereum, Bitcoin Cash etc leading to near real-time withdrawals and redemptions.
- Integrated with multiple partner exchanges to facilitate trades across them.
- Wrote design documents and interface specifications for partner integration, reducing the time to live for adding new partners.
- Built a distributed real-time data aggregation and analysis system, aggregating real time trade and trades across connected partner exchanges to provide a consolidated data view to the user.

Software Engineer

July 2016 – December 2017

Seraro Solutions Ltd.

Noida, India

- Built an event-driven IoT based tracking platform from scratch, based on the serverless architecture deployed on AWS.
- Integrated with and built solutions using various AWS services like AWS IoT, Kinesis, SQS, SNS, Lambda, EC2, S3 etc.

Education

Guru Gobind Singh Indraprastha University

August 2012 – June 2016

Bachelors of Technology - Computer Science and Engineering

Delhi, India