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)

* 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