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)

* Collaborated with the team to design and implement a Kafka-based asynchronous communication system, significantly enhancing the system's performance, scalability, and reliability.
* Conducted domain research, designed, and peer-reviewed robust domain data models and database architectures, driving efficient and reliable data management.
* Spearheaded release milestones and execution plans, optimizing product delivery timelines and ensuring seamless collaboration across teams.
* Effectively liaised with business stakeholders, operations teams, and engineering personnel to define and delegate technical tasks, ensuring successful project execution and alignment with organizational goals.
* Developed a comprehensive monitoring and alerting system utilizing Prometheus, Grafana, and Alertmanager, bolstering system reliability and facilitating proactive issue resolution.
* Led junior engineers across multiple focus groups, expediting the delivery of critical technical milestones and fostering a culture of continuous improvement.
* Initiated knowledge sharing sessions to boost team expertise, promote cross-functional collaboration, and dismantle knowledge silos.

**Senior Software Engineer** September 2021 – November 2022

Gojek Bangalore, India (Remote)

* Pioneered RabbitMQ integration, conducting Proof of Concepts and Feasibility analysis to optimize asynchronous workloads and replace Sidekiq.
* Collaborated with internal and external stakeholders to translate engineering initiatives into actionable items, ensuring efficient project execution.
* Conceptualized and designed end-to-end architecture, user flow, and data flow diagrams for mission-critical requirements, driving innovation and robust system performance.
* Led a 6-person engineering team in developing and implementing a cutting-edge automated central document processing platform, significantly contributing to all team initiatives.

**Software Engineer 2** August 2020 – September 2021

Postman Bangalore, India (Remote)

* Pioneered a self-serve change management platform, empowering organization-wide teams to effortlessly integrate with Version Control and enhance version control experiences.
* Transformed user stories into actionable tasks aligned with business OKRs, driving efficient project execution.
* Championed core product workflow optimizations, achieving up to a 70% end-to-end performance improvement.

**Senior Software Developer** December 2018 – August 2020

Paisabazaar Marketing and Consulting Private Limited Gurgaon, India

* Orchestrated the end-to-end transformation of a mutual funds platform, from conceptualization to production, driving key architectural decisions and design.
* Engaged with cross-functional stakeholders, including Product, Business, and Operations, to identify and address process bottlenecks and user pain points.
* Developed strategic plans to automate manual tasks and optimize key workflows based on stakeholder feedback and requirements.
* Successfully managed the migration of over 200,000 active users, creating robust action, rollback, and fallback strategies.

**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 develop a comprehensive product, making crucial architectural decisions for both frontend and backend systems.
* Seamlessly integrated with multiple public blockchains, such as Bitcoin, Ethereum, and Bitcoin Cash, enabling near real-time withdrawals and redemptions.
* Established connections with partner exchanges to facilitate cross-platform trading.
* Authored design documents and interface specifications, expediting the integration process for new partners.
* Designed a distributed, real-time data aggregation and analysis system to consolidate trade information from connected partner exchanges, providing users with a unified data view.

**Software Engineer** July 2016 – December 2017

Seraro Solutions Ltd. Noida, India

* Developed an event-driven IoT tracking platform from scratch, leveraging serverless architecture and deploying on AWS, using services such as AWS IoT, Kinesis, SQS, SNS, Lambda, EC2, and S3.

Education

**Guru Gobind Singh Indraprastha University** August 2012 – June 2016

Bachelors of Technology - Computer Science and Engineering Delhi, India