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