

SKILLS

JAVA

Node.js

MySQL

MongoDB

RabbitMQ

Blockchain

Kubernetes

Go/GoLang

AWS EC2, RDS, Lambda, API Gateway, Kinesis, SNS, S3, CodeDeploy, ElasticCache etc.

PostgreSQL

Redis

Kafka

Docker

WORK EXPERIENCE

Gojek

Senior Software Engineer

(September 2021 - Present)

As a part of the GoPay Plus team, I was responsible for leading the development of new workflows and new systems to enable automate our Customer Identity Verification process, while leading and mentors peers and junior developers. **Tech Stack:** Go, JAVA, Ruby, PostgreSQL, GCP, Docker, Kubernetes, Kafka, RabbitMQ

- Researched and performed **Proof of Concept and Proof of Feasibility analysis** for switching over to RabbitMQ from Sidekiq for our asynchronous workloads. Presented the findings to the team, and wrote a JAVA framework for the same to simplify integration with the same leading to making the integration faster and saving time-to-live.
- **Broke down ambiguous business requirements to actionable technical items**
- Planned and designed **end-to-end system architecture diagrams from scratch**, along with designing dataflow diagram, and websequence diagrams in accordance with user workflow and future product vision.
- **Led focus groups** to execute the implementation of the new business-critical central platform for the product, and played a key role in discussions around all initiatives across the team.
- **Collaborated with different stakeholders across the organisation**, including Product Managers, Business Intelligence, Operations teams and stakeholders of other downstream and upstream teams, to understand requirements and product vision to drive the product forward.
- Onboarded multiple vendors for end-user Identity Verification with automatic vendor switching to reduce customer acquisition costs, saving upwards of a current estimated **4 million USD YoY**.
- Developed a system to identify computer extracted selfies to prevent fraud, leading to an **improvement in fraud detection rated by 3%**.

Postman

Software Engineer 2

(August 2020 - September 2021)

As a part of the Version Control team at Postman, I was responsible for evaluating specifications and building systems in alignment with business OKRs to allow for a better collaborative and versioning ecosystem for our users.

Tech Stack: Node.js, React.js, AWS, MySQL, Redis

- **Spearheaded the design and development** for a new change management platform, via which any team across the organisation 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.
- **Designed HLDs and LLDs** for new requirements and workflows, and implemented the workflows.
- Monitored and fixed production issues using tools such as newrelic and Sentry, as well as identified bottlenecks based on metrics from the same. Created action plans as to how to handle those, and documented the same to allow prioritisation from a tech perspective.
- Led the optimisation of core product workflows, causing an E2E **improvement of upto 70%**.

Paisabazaar Marketing and Consulting Private Limited

Senior Software Developer

(December 2018 - August 2020)

Worked on developing the Paisabazaar Mutual Fund Investment Platform. This platform's aim is to allow users to seamlessly invest into various mutual funds, both unassisted, and with the help of an agent, and manage their investments.

Tech Stack: Node.js, AWS, Docker, Redis, MySQL, MongoDB, Kafka

- Helped drive the product from conception to production while **helping build the architecture from scratch**, including making key High-Level and Low-Level decisions.
- Developed microservice-based modules and APIs for consumption by our clients.

- Integrated with Kafka to facilitate event driven asynchronous communication between different services across the organisation.
- Implemented Audit Trail to keep track of the actions done by the user.
- Led the development of a system for migrating an active user base of **over 100,000 users** from old platform to the new platform while maintaining data consistency and integrity and minimal user disruption.

Blocknomic Technologies Ltd.

Senior Software Engineer

(January 2018 - December 2018)

Worked on developing OpenTradingPlatform. This platform's aim is to allow users to trade on multiple exchanges through a single platform.

Tech Stack: Go, Node.js, MySQL, Blockchain, Kafka, Redis, Vue.js

- As the first in-house hire, I played an integral role in design and development of the application, while leading and mentoring a team of interns.
- **Built the core data analysis engine** for the system which aggregates data from all connected exchanges, to provide users a detailed view of their investments, and available assets, across exchanges, and helps them get the best price for their trade.
- Built the interface server between our system and connected exchanges to facilitate fast trades, while ensuring the ease of adding more exchanges in the future.
- **Implemented CI/CD** using AWS Services like CodeDeploy, EC2, S3 etc
- Built a system for interaction with various public blockchains, for wallet generation, deposits and withdrawals. Integrated with Amazon SQS to facilitate the same the same.
- Built secure APIs for use with our clients, while participating in code reviews and peer reviews, while maintaining a test coverage of 90%+.
- Led the initiative of converting and breaking down the HTML designed layout into Vue.js, and integrating them with our actual data sources and APIs, resulting in an initial beta launch **within 3 weeks of starting the process**.

Seraro Solutions Ltd.

Software Engineer

(July 2016 - December 2017)

Worked on developing Traquer. This application's aim is to provide real-time visibility of product locations registered in the platform.

Tech Stack: Node.js, AWS, Serverless architecture, IoT, MongoDB, MySQL, Redis, Angular

- Developed Serverless APIs for consumption by our web and mobile clients.
- Participated in developing a system for real time processing of data packets sent by our mobile clients. Integrated with MQTT, AWS Kinesis and AWS Lambda for the same.

EDUCATION

Guru Gobind Singh Indraprastha University

Bachelor's Degree Computer Science & Engineering

(August 2012 - June 2016)