

SARANG NAGPAL

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[GitHub](#)

[LinkedIn](#)

[Portfolio](#)

SUMMARY

A Software Developer with experience designing and developing full stack applications which require high throughput and extremely high availability using various AWS services and custom Micro services.

EXPERIENCE

Software Development Engineer

[Amazon, Payments](#)

Jan 2024 - Present

Bangalore, India

- Collaborated in a team to Implement Features to reduce number of Customer clicks by **100%** during onboarding, improving overall issuance metrics by **8%** and reducing **latency by 50%**
- Improved Payment Success Rate by 5% by Implementing Strategies to improve resiliency of UPI Payments collaborating with Amazon internal as well as external teams from NPCI and Juspay.
- Resolved Numerous Business papercuts and developer backlog queue items using **Java with SpringBoot** for backend and **JSP** as well as **ReactJs** for frontend.
- Designed and implemented various dataflows solving business problems using **AWS** components and building **RESTful** APIs.

Back End Developer

[Raze](#)

Oct 2023 - Jan 2024

Bangalore, India

- Built In-House Central Asynchronous **Server to Server Communication** System, using **RabbitMQ** for the message queues and **ExpressJs** servers
- Extended the design to incorporate Consumer Functions for the queues to perform various business applications in asynchronous manner
- Built APIs in Node.js using **ExpressJS** framework for various CRUD operations and business logic

Software Development Engineer Intern

[Amazon, Payments](#)

May 2022 - Jul 2022

Bangalore, India

- Built a back-end service in Spring Boot (Java) to test the resilience of Amazon Pay's core UPI service while working in an Agile Environment
- Achieved a 200% increase in resilience metric for the core service by configuring stress tests

EDUCATION

Bachelors of Technology, Electronics and Computer Engineering

2019-2023

- Problem Solving using Computer Programming
- Operating Systems