SARANG NAGPAL

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Summary

An experienced software developer with a solid foundation in web development, and machine learning. Have implemented impactful features that streamline onboarding, boost payment resilience, and reduce latency. Previous roles include a back-end developer position at Raze, a B2B startup, and an internship with Amazon focused on enhancing UPI service resilience.

SKILLS

Technical Skills	Problem Solving, AWS, Web Development, CyberSecurity
Web Development	ReactJS, NodeJS, ExpressJS, Spring Boot, NextJS
Programming Languages	JavaScript, TypeScript, C++, Java, Python
Machine Learning	Tensorflow, Keras, Deep Learning
Soft Skills	Effective Communication, Team Work, Agile

EXPERIENCE

Software Development Engineer   Jan 2024 - Present

Amazon, Payments   *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
- Resolved Numerous Business papercuts and developer backlog queue items
- Designed and implemented Synchronous flow for existing Asynchronous lambda functions

Back End Developer   Oct 2023 - Jan 2024

Raze   *Bangalore, India*

- Built In-House Central Asynchronous Server to Server Communication System, using RabbitMQ for the message queues
- 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   May 2022 - Jul 2022

Amazon, Payments   *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

 Subjects: Problem Solving using Computer Programming, Operating Systems