

SARANG NAGPAL

+91 9767853304 India

sarangnagpal0@gmail.com

[GitHub](#)

[LinkedIn](#)

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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 a Software Development Engineer at Amazon focused on enhancing UPI accounts issuances, payment instrument onboarding and payment success rates.

SKILLS

Technical Skills	System Design, AWS, Web Development, CyberSecurity
Web Development	ReactJS, NodeJS, ExpressJS, Spring Boot, Java
Programming Languages	JavaScript, TypeScript, C++, Java, Python
Machine Learning	Tensorflow, Keras, Deep Learning

EXPERIENCE

Amazon, Payments	Jan 2024 - Present
Software Development Engineer	<i>Bangalore, India</i>
<ul style="list-style-type: none">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 PaymentsResolved Numerous Business papercuts and developer backlog queue items implementing RESTful APIs using Java and multiple AWS ComponentsDesigned and developed systems solving business problems while upgrading the frontend framework to build interactive web pages for mobile from JSP to ReactJs with Redux.	
Raze	Oct 2023 - Jan 2024
Back End Developer	<i>Bangalore, India</i>
<ul style="list-style-type: none">Built In-House Central Asynchronous Server to Server Communication System, using RabbitMQ for the message queues between RESTful application serversExtended the design to incorporate Consumer Functions for the queues to perform various business applications in serverless mannerBuilt RESTful APIs in Node.js using ExpressJS framework for various CRUD operations and business logic	
Amazon, Payments	May 2022 - July 2022
Software Development Engineer Intern	<i>Bangalore, India</i>
<ul style="list-style-type: none">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 EnvironmentAchieved a 200% increase in resilience metric for the core service by configuring stress tests	

EDUCATION

National Institute of Technology, Warangal (NITW)	2019-2023
Bachelors of Technology, Electronics and Computer Engineering	
<ul style="list-style-type: none">Problem Solving using Computer ProgrammingOperating Systems	