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crudybagger.github.io

Education

National Institute of Technology, Warangal (NITW)
Bachelor of Technology, Electronics and Communication Engineering

2019 - 2023
Warangal, India

Experience

Software Development Engineer

[Amazon](#)

Jan 2024 – Present
Bangalore, India

- Collaborated in a team to Implement Features in **Scalable Architecture** to reduce number of Customer clicks by **50%** during onboarding, improving overall issuance metrics by **8%** and reducing latency.
- Improved Payment Success Rate by **5%** by Implementing Strategies to improve resiliency of **UPI Payments** for more than **20 Million** Customers
- Resolved Numerous Business papercuts and developer backlog queue items implementing **RESTful** APIs using **Java** and multiple AWS Components like **AWS Lambda, DynamoDB, SQS, SNS, etc.**
- Designed and developed systems solving business problems while upgrading the frontend framework to build interactive web pages for mobile from **JSP** to **ReactJs** with **Redux**.

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 between **RESTful** application servers
- Extended the design to incorporate Consumer Functions for the queues to perform various business applications, leveraging **Microservices** Architecture.
- Built **RESTful** APIs using **ExpressJS** framework for various CRUD operations and business logic

Software Development Engineer Intern

[Amazon](#)

May 2022 - July 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** in a custom stress testing framework.

Skills

Programming Languages: Java, TypeScript, JavaScript, Python, C++

Frameworks: ReactJS, Redux, Node.js, Express.js, Spring Boot, JSP

Cloud Platforms & Tools: AWS (Lambda, S3, DynamoDB, API Gateway), RabbitMQ, Serverless Framework, MongoDB

Backend Technologies: RESTful APIs, Microservices Architecture, Asynchronous Communication, MySQL

Machine Learning (Basics): TensorFlow, Keras, Deep Learning, Training Custom Neural Network for Image Classification

Additional Skills: System Design, Scalable Architecture, Agile Methodologies

Extra-Curricular and Co-Curricular

- Student Co-Ordinator, Software Developer, [SpringSpree, NIT Warangal](#)** Feb 2023 - April 2023
 - Led design and development of various subsystems used in Spring Spree for ticketing, payment and social media content creation, handling an attendance of more than **3000 people**, while mentoring a team of junior developers working in tech stack of ReactJS, NodeJS and MongoDB
- Deep Learning Specialization**, Coursera Certification by **Deeplearning.AI**

Summary

Results-oriented Software Developer with expertise in designing and developing high-availability, high-throughput full-stack applications using AWS services and custom microservices.