Rohan Revanth Sagar

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Summary

With an extensive background in software engineering, I am skilled in programming languages like C, C++, Java, JS and Go, along with web technologies such as Angular and ReactJS. I started my career at Flikster, developing complex web and mobile applications. At Capillary Technologies, I built key services for major brands like Pizza Hut and KFC. At Bitgram, I created blockchain-powered solutions and integrated third-party APIs for clinical trials. At RunLoyal, I developed a hybrid app for pet services and a management portal. Most recently, at NPCI, I led blockchain projects, developing smart contracts for wholesale CBDC and a retail CBDC app. I have strong expertise in blockchain using Hyperledger Fabric and a solid background in full-stack development.

Education

Bachelor of Computer Science and Engineering

Indian Institute of Technology, Guwahati • Jun '15
Bachelor's Degree in Computer Science and Engineering. During my studies, I gained a robust foundation in computer science, which I applied to various academic and professional projects.

Experience

Blockchain Lead

National Payments Corporation of India (NPCI) • Hyderabad
08/2022 - 06/2024
As part of NPCI, a pivotal organization for payment and settlement infrastructure in India, I led projects involving blockchain technology and digital currency solutions. I developed and implemented smart contracts for Hyperledger Fabric using GoLang for the wholesale Central Bank Digital Currency (wCBDC) project, which was adopted by the Reserve Bank of India and various national banks. I also spearheaded the retail CBDC application project, enabling real-time blockchain transactions and digital wallet functionality for users.

Senior Software Engineer

Runloyal • Atlanta
04/2020 - 06/2022
At RunLoyal, a company focused on creating innovative solutions for pet service businesses, I developed a hybrid mobile application in Nativescript that facilitated seamless interaction for pet owners. This app enabled users to schedule and track pet appointments effectively. Additionally, I built an advanced portal using Angular for business owners, empowering them to manage pet service appointments through an intuitive UI and comprehensive data handling features. My work supported RunLoyal in streamlining operations and improving user experience.

Senior Software Engineer

Bitgram Technologies • Bengaluru
06/2018 - 04/2020
At Bitgram Technologies, a company specializing in blockchain, AI, and data intelligence solutions, I developed several web applications using Angular and React. Notably, I worked on the Bitgram website and a blockchain-powered platform for Jivabhumi, a community-focused initiative connecting consumers with local farmers. I also developed a comprehensive management system for clinical trials, which included integrating third-party APIs (Fitbit, iHealth, etc.) into a hybrid mobile app built using React Native. This enabled enhanced functionality and user engagement in clinical trial processes for the client Consilx.

Software Engineer

Go Scale (Capillary Technologies) • Bengaluru
12/2017 - 06/2018

During my tenure at Go Scale, working with Capillary Technologies, a leading software product company focused on cloud-based customer engagement solutions, I developed widgets and services for major clients such as Pizza Hut India, Pizza Hut META markets, and KFC Saudi Arabia. My work included key modules such as payment gateways and order services, which are integral to the operational infrastructure of global brands like Pizza Hut and KFC. This experience equipped me with a comprehensive understanding of building scalable and high-performance services for the retail and food service industry.

Software Engineer

Flikster • Hyderabad
08/2016 - 12/2017

At Flikster, an online fashion and e-commerce platform, I contributed to building complex browser applications and an administration panel that allowed content writers to add celebrities, movies, products, and posts. This ensured seamless content display on the Flikster website. I played a pivotal role in developing the Flikster website, the admin panel, and mobile applications for both Android and iOS using the Nativescript framework, collaborating with a team of four from the ground up. This project was integral to enhancing user engagement and expanding the platform's reach

Academic Projects

Analysis of Various Coefficients for Speech Recognition (Spring 2015): Under the mentorship of Dr. Pradip KR. Das, I conducted a comparative analysis of coefficients such as Linear Predictive Coding (LPC) and Mel-Frequency Cepstral Coefficients (MFCC) for speech recognition. This project involved predicting cepstral coefficients using LPC and MFCC methods and evaluating their performance.

Online Campus Retail Project (Spring 2014): Collaborated with Dr. Sanasam Ranbir Singh to design a web-based platform enabling campus members to buy and sell goods. Utilizing MySQL, PHP, and front-end technologies (HTML, CSS, JavaScript), I created a functional, interactive portal as part of a database management course.

Restaurant Management System (Spring 2013): Guided by Dr. Pradip KR. Das, I developed a comprehensive GUI-based software for restaurant management. This included modules for order processing, warehouse and supplier management, menu customization, and employee management.