





YASHWANTH VANAMA

 Vanamayashwanth2@gmail.com  7652258375  github.com  leetcode.com

Professional Summary

Software Engineer with 3+ years of experience in full-stack development. Proven track record of leading teams, delivering scalable solutions, and driving measurable business outcomes such as increasing revenue by \$2.4M and cutting operational delays by thousands of hours.

Work Experience

Software Development Engineer | Cognizant Technology Solutions | August 2021 – July 2023

- Led a team of 2 developers and administrators to automate the quoting experience for sales reps. By streamlining the process, we have reduced manual quote creation time by 65%, which accelerated revenue recognition and contributed to an 18% increase in overall revenue.
- Proposed a high-level design for a fit-gap analysis of processes of two organizations and their systems. Created a seamless system integration proposal, resulting in Cognizant securing a \$700K implementation project.
- Developed a custom based quoting solution as part of revenue systems for a B2B organization to support quoting of over 1,000 products. This solution reduced the average quoting time for large deals from 25 minutes to 12, significantly enhancing sales team efficiency.

Associate Software Engineer | Cognizant Technology Solutions | July 2020 – August 2021

- Spearheaded a customer support system implementation for a telecom client, deploying case routing, CTI integration, and a self-service knowledge base. Reduced average resolution time by 3.5 hours and enabled support to handle 4,200 more cases monthly without adding headcount.
- Worked for a global B2B client to improve lead management and sales pipeline visibility across 5 regional sales teams, creating a solution that enabled the client to close 320 additional deals in the first quarter post-implementation, generating \$2.4M in new revenue.
- Served in an L2.5 support role for a large-scale enterprise sales system supporting over 10,000 users. Resolved an average of 150 high-priority issues monthly, significantly reducing escalation rates and improving system uptime for business-critical operations.

Projects

BareOS | C, Assembly, Gdb, Qemu, RISC-V, Linux, Git | January 2024

- Designed and developed a minimal operating system from scratch using C/C++ and assembly, with custom bootloader and kernel architecture.
- Implemented core OS features including memory management, task scheduling, and interrupt driven I/O handling.
- Built a working prototype capable of booting on real hardware, demonstrating strong system-level programming and low-level debugging skills.

BookYourTicket | Html, Css, ReactJS, Python Flask, SQLite, Jinja2 | December 2023

- Developed a full-stack movie ticket booking platform using Python Flask, SQLite, and Jinja2, enabling users to search, filter, and book tickets with real-time seat selection and meal options.
- Implemented role-based dashboards and functionalities for customers, employees, support staff, and management, including booking analytics, chat support, and promotional notifications.
- Integrated payment workflows, QR code generation for bookings, and user authentication via Google/Facebook, resulting in a seamless and scalable reservation system prototype.

Education

Indiana University – Bloomington | MS | August 2023 – May 2025

Jawaharlal Nehru Technological University Hyderabad | B. Tech | August 2016 – May 2020

Skills

Languages & Scripting: Python, C++, Java, HTML, CSS, JavaScript, SQL

Frameworks & Libraries: React.js, Flask, Django, Node.js, Express.js

Tools & Platforms: Salesforce, Docker, GitHub, AWS, Kubernetes, MongoDB, Redis, Bitbucket, Jira

Methodologies & Concepts: REST APIs, SOAP, Agile/Scrum, System Design, DSA, Debugging, Project Planning, Resource Management