

MANAV SINGH

☎ +91-9569981766 ✉ manavs2110@gmail.com 🔗 [linkedin.com/in/manav-singh-63319920b](https://www.linkedin.com/in/manav-singh-63319920b) 🌐 github.com/manavs2110

Education

Indian Institute of Technology, Roorkee

Bachelor's of Technology, CGPA: 8.28

Nov. 2020 – May 2024

Roorkee, Uttarakhand

Experience

Cleartax

Software Engineer

June 2024 – Present

Bangalore, Karnataka

- Worked in the **Supply Chain** segment, contributing to the design, development, and optimization of scalable enterprise software solutions.
- Designed and implemented GLStream support to replace existing SAP support for fetching ERP data, integrating Parquet file handling, and validating data fields using system templates and custom data types. Developed a GLStream data sanity flow to ensure consistency by comparing ERP data with the existing database.
- Redesigned the Re-KYC process for vendor compliance by incorporating skipped case handling, fixing metering credit deduction errors, and improving workflows to enhance accuracy and reliability in reporting and audits.
- Integrated analytics services to track purchase orders and invoice statuses, and deployed a **Metabase** dashboard for real-time, actionable insights. Created Activity tracking alerts with **apache airflow**.
- Reduced System downtime and improved reliability by identifying and addressing **60+** oncall issues
- Refactored APIs and backend services to reduce response times, optimize database queries, and enhance performance while resolving technical debt and reducing SonarQube lint issues to zero.

Internships

Zomato

Software Developer Intern

May 2023 – July 2023

Gurugram, Haryana

- Developed Photo Printing Service and upgraded print web to handle multiple files and password protected files.
- Upgraded Print Dashboard UI to control order state tracking, auto job assignment failures and printer adjustments.
- Worked on the BFF layer to optimize user engagement tracking and used SEO strategies, resulting in 10-15% increase in user base.
- Tech Stack: **TypeScript, React.js, Amazon S3, Ant Design, MUI, Git/GitHub, Postman.**

Moveup.ai

Frontend Developer Intern

Dec 2023 – feb 2024

Remote, USA

- Integrated **Google Analytics, AWS Cognito**, and **auth0** for enhanced user tracking and secure login/logout.
- Streamlined code structure and readability, improving performance and maintainability.
- Developed interactive career path graphs using **React-flow, Material UI**, and **Tailwind CSS**, boosting UI/UX.

Projects

Flood Satellite Data Showcase | *NodeJS, EJS, MongoDB* | [Link](#)

June 2022

- Designed and developed a Database Management website, facilitating easy database access.
- Acted as a full stack developer, utilizing **EJS** for a seamless UI/UX and **Node.js** to construct **RESTful APIs**.
- Implemented JWT token-based authorization for enhanced security and took charge of backend database updates.

NSS Summit Portal (NSS - IITR) | *ReactJs, Redux, Axios, NodeJS, MongoDB* | [Link](#)

January 2023

- Served as a Full-Stack Developer in the project, crafting interactive UI/UX with React, React Hooks.
- Engineered REST APIs using Express.js and implemented a role-based authentication system.
- Collaborated effectively with team members throughout the project's lifecycle, participating in the design, development, and seamless integration of the website

Skills

Programming Languages: C++, Java, JavaScript, HTML, CSS, Python

FrameWorks: Spring boot, React.js, Node.js, Express.js

Database Technologies: MySQL, MongoDB, PostgreSQL

Tools and Frameworks: Git, AWS, kubernetes, coralogix, retool

Other Skills: Data Structures, Algorithms, Object-Oriented Programming, Database Management System (DBMS), OS Fundamentals, Computer Networks, Problem Solving, Competitive Programming