Karan Aggarwal

Faridabad, Haryana

22bcs130@iiitdmj.ac.in | +91 8602382130 | Portfolio | LinkedIn | GitHub

Education

Indian Institute of Information Technology Jabalpur, India *Nov. 2022 - Present*
Bachelor of Technology - Computer Science and Engineering
Cleared JEE Mains with 98.8 percentile and JEE Advanced.

Skills Summary

Languages: C++, C, JavaScript, TypeScript, Python, HTML/CSS, Java ,PHP
Frameworks: ReactJS, NodeJS, ExpressJS, NextJS, Django, Flask, TailwindCSS, Material-UI, RestAPI, RapidAPI
Developer Tools: Git, Docker, GitHub, Google Cloud, VS Code, Linux, Windows, AWS, Postman, Jupyter Notebook
Databases: MySQL, MongoDB, Firebase, PostgreSQL, Neo4j ,Redis
Course Work: Operating Systems, DBMS, Computer Networks, OOPS, Data Structures and Algorithms (DSA), Data Analysis

Roles and Responsibilities

BitByte Programming Club Sep. 2023 - Present
Mentor

- Mentored 30+ students in Data Structures, Algorithms, and Competitive Programming, enhancing coding proficiency and algorithmic understanding.
- Provided technical guidance for 10+ club projects and coding events, facilitating successful outcomes and fostering collaboration.

Head Boy, K.C.M World School *2018 - 2019*
Managed 500+ students, coordinating between staff and students for effective communication and issue resolution.

Projects

Quick Clinic   GitHub React, Node.js, Socket.io, MongoDB, UploadThing, WebRTC   August 2024

- Built a real-time communication platform supporting up to 1,000 users for chat and video consultations between doctors and patients.
- Appointment Scheduling: Enabled patients to book appointments in available slots, managing over 500 meetings monthly.
- Managed doctors' leave, appointment cancellations (up to 100), and schedules.
- Streamlined the interface for managing up to 1,000 consultations efficiently.

Penny Saver   GitHub Vite, ReactJS, TailwindCSS, TypeScript, MongoDB   Nov. 2023

- Enabled users to log up to 500 daily income and expense entries, visualizing data with interactive graphs.
- Provided users the ability to track financial trends over 7 days, 30 days, or 6 months, gaining real-time insights for budgeting.
- Designed a user-friendly interface, reducing onboarding time by 25
- Added features for categorizing expenses, generating reports, and visualizing trends, enhancing budgeting efficiency by 30

Shop Sizzle   GitHub Shopify, Liquid, HTML, CSS, JavaScript, GraphQL, Prisma, React.js, TypeScript   Feb. 2023

- Implemented product management features, allowing users to browse, search, and filter over 10,000 items, which increased engagement by 20
- Streamlined order processing, handling over 1,000 daily transactions with secure checkout and real-time tracking.
- Facilitated user accounts, supporting over 10,000 registrations, secure logins, and tracking for 5,000+ transactions.

Achievements

LeetCode: Solved 200+ Data Structures and Algorithms questions; Rating: 1740
GeeksforGeeks: Solved 400+ questions
CodeChef: 4-Star Coder with a rating of 1673
Codeforces: Rating: 1356; Pupil