KUNAL BANSAL

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LeetCode ⋄ GitHub ⋄ LinkedIn ⋄ PortFolio

EXPERIENCE

Software Development Engineer Intern — January 2024 - June 2024
Nyalazone Solutions

- Developed an Asset Management System using Angular for the front-end and Flask for the back-end, managing employee data, tracking asset states, and handling asset allocation efficiently during an internship.
- Integrated Angular with Flask for seamless communication and data consistency, enhancing skills in TypeScript, PostgreSQL, and AWS.
- Gained hands-on experience in a collaborative team environment while working on real-world asset management challenges.
- Contributed to high-impact Agile sprints, conducted code reviews, optimized backend performance, and influenced core system architecture decisions.

TECHNICAL SKILLS

Languages	JavaScript, TypeScript, C++, Java
Frontend	ReactJS, Next.js, Tailwind CSS, Bootstrap
Backend	Node.js, Express.js, REST APIs, Socket.IO
Database	MongoDB, PostgreSQL, Firebase (RTDB + Auth)
DevOps	Docker, Kubernetes,
Tools	Cursor AI, Windsurf, v0.dev, bolt.new , Git, Postman, JWT, OOPS, Data Structure and Algorithms

PROJECTS

ActiveHub FitTracker - Link - GitHub   *ReactJS, NodeJS, ExpressJS, MongoDB,Razorpay, TypeScript, Nodemailer, tawk.to*

- Developed a full-stack gym management software to streamline gym operations, improve member engagement, and track memberships effectively.
- Implemented features like member dashboards, attendance tracking, membership notifications, integrated Recurring Subscriptions Via Razorpay and email notifications using Nodemailer, EmailJS.
- Enhanced user engagement through real-time chat integration using tawk.to and optimized the user interface with React and TailwindCSS.

Near-By Link - GitHub   *ReactJS, NodeJS, ExpressJS, MongoDB, Firebase*

- Developed a full-stack real estate marketplace using the MERN stack (MongoDB, Express.js, React, Node.js) with features like JWT authentication, Google OAuth, and Firebase for secure user access.
- Built robust CRUD operations and REST APIs for property listings, advanced search functionality, and image uploads, ensuring smooth performance and a user-friendly interface.
- Deployed the application on Render and optimized state management using Redux Toolkit, enhancing the user experience and application efficiency.

CERTIFICATIONS

- **Advanced Web Development** from Coding Ninjas 2021
- **Developing Front End Apps using React** from Coursera 2024
- **Back-End Development using JavaScript and Node.js** from Devtown 2022
- **Object Oriented Programming** from Coding Ninjas 2021
- **Developing Back-End Apps with Node.js and Express** from Coursera 2024
- **IBM Full Stack Software Developer** from Coursera 2024

ACHIEVEMENTS

- Solved more than 500 questions across platforms LeetCode, Coding Ninjas.

EDUCATION

Chitkara University, Rajpura — 2020 − 2024
B.E. in Computer Science and Engineering — *CGPA: 9.28*

R.S. Public Sr. Sec. School — 2017 − 2020
Class XII: 86.2% — (2019 − 2020)
Class X: 91.2% — (2017 − 2018)