

# KUNAL BANSAL

obansal.kunalo@gmail.com ♦ +91-9050207670

[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.

## SKILLS

Programming Languages	JavaScript, C++, Java
Libraries/Frameworks	ReactJS, NextJs, Tailwind, Bootstrap, NodeJS, ExpressJS
Real-time & Auth Tools	Socket.IO, Firebase, JWT
Databases	MongoDB, PostgreSQL
Containerization	Docker, Kubernetes
Others	Data Structures, OOP

## PROJECTS

### ActiveHub FitTracker - [Link](#) - [GitHub](#)

*ReactJS, NodeJS, ExpressJS, MongoDB, 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, and email notifications using Nodemailer.
- 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)