# ANSHUL SINGH

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**Github:** github.com/Anshul-004 | **Leetcode:** leetcode.com/u/Anshul_004/ | **Portfolio:** https://anshulsingh.vercel.app

## OBJECTIVE

- Computer Engineering student with solid **problem**-**solving skills** and hands-on experience in **building scalable systems**. Passionate about **algorithms**, aiming to apply **analytical thinking** in solving real-world software challenges.

## INTERNSHIP

- **Stacklab.in, Pune | MERN Stack Intern** (Nov '24-Jan'25)
    - Contributed to the **backend** and **database layer** of GoRSVP, focusing on **REST APIs** development, **server side logic**, and **MongoDB schema design** for RSVP tracking and **role-based access control**.
    - **Project : GoRSVP** – Event Management Platform (Live: https://go-rsvp.vercel.app)
        - Developed a responsive event portal in **Next.js** enabling organizers to host and manage events, integrating **Google OAuth** for secure authentications.
        - Developed an **attendee check-in** and **validation system**, reducing on-site verification time by **50%+** and improving overall event logistics.
        - Engineered a **modular**, scalable backend architecture using **Node.js**, **Mongoose**, and **MongoDB**, while actively engaging in code reviews and peer collaboration.

## PROJECTS

- **Recruitech:** Applicant Tracking System (github.com/Anshul-004/ATS)
    - Built a full-stack recruitment platform using **MongoDB**, **Express.js**, **React**, and **Node.js**, enabling recruiters to post jobs, track applications, and manage hiring workflows efficiently.
    - Implemented **JWT-based authentication** and **role-based access control** for secure recruiter and admin access.
    - Automated **application status** transitions, **smart filtering**, and **email notifications**, reducing manual recruiter tasks and improving hiring efficiency.
    - Ensured **clean**, **maintainable code** through **modular MVC architecture**, with **ESLint and Prettier** for consistent coding standards.
- **Snapify:** Snap your URLs (github.com/Anshul-004/Snapify)
    - Implemented **Next.js** frontend with REST APIs on **Node.js** and **MongoDB** for link creation and redirections.
    - Developed **custom API routes** for link creation and resolution, implementing **validation** and **atomic updates** to prevent duplication and abuse.
    - Successfully deployed on **Vercel**, processing 500+ test links during development to validate **scalability** and **performance** under load.

## HACKATHON IMPLEMENTATION

- **Finalist- MET Hackfusion (Fintech)- KarchaBuddy**: Invoices Expense Tracker (github.com/Anshul-004/KharchaBuddy)
    - Developed a **cross-platform mobile app** using **React Native** to track and categorize expenses, with smart extraction from invoices using **Google Cloud Vision API**.
    - Implemented **Firebase Authentication** with third-party OAuth, ensuring secure and seamless access.
    - Designed with a **modular architecture** and **intuitive UI**, visual **spending analytics** via charts and summaries.

## EDUCATION

- **MET's Institute of Engineering, Nashik** | B.E. Computer Engineering (CGPA – 8.30)

## ACHIEVEMENTS AND CERTIFICATIONS

- **CS50 Certificate** – Introduction to databases with SQL (2024)
- Reached max rating of **1100** on **Codeforces** while solving 200+ Problems

## EXTRA CURRICULAR ACTIVITIES

- Google Developer Groups on Campus' Competitive Programming Lead. (2024-25)
- FOSS United Nashik's (Free and Open Source Software) Core Team Member. (2024-25)