ANSHUL SINGH

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Github: github.com/Anshul-004 | **Codeforces:** codeforces.com/profile/anshul_57 | **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 (RBAC)**.
  - **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.
    - Applied strong **problem-solving** and **communication skills** to identify, debug and solve edge cases.

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 **Pupil** on **Codeforces** with max rating of **1280**
- **3 Star** Coder on **Codechef** and having solved over 200+ Problems

EXTRA CURRICULAR ACTIVITIES

- FOSS United Nashik's (Free and Open Source Software) Core Team Member **(2024-25)**