

# ANSH KUMAR

HARIDWAR, UTTARAKHAND

Phone: +91-9105589288

Email: anshku037@gmail.com

LinkedIn: ansh-kumar

GitHub: ansh\_2609

LeetCode: anshku037

Coding Ninjas: anshku

## EDUCATION

### COLLEGE OF ENGINEERING ROORKEE

2020 – 2024

Bachelor of Technology - Information Technology (IT) - CGPA - 7.25

## TECHNICAL SKILLS

- **Backend:** Python, C, C++, Node.js, Express.js
- **Frontend:** HTML, CSS, JavaScript, React, Redux, Tailwind CSS, Bootstrap
- **Database:** MongoDB, MySQL
- **Automation and AI:** n8n, LLM Integration, API Integrations, AI Automation, Agentic AI Workflows
- **Developer Tools:** VS Code, PyCharm, Git, GitHub, Docker

## PROJECTS

### QRush Gamified Quiz Platform | React.js, Redux, Node.js, Express.js, MySQL, Tailwind CSS

- Built a gamified quiz platform with daily challenges, themed escape-room puzzle flows, and multiple interactive quiz modes.
- Developed a responsive React frontend using Redux, Tailwind CSS, Framer Motion animations, and reusable modular components.
- Implemented a Node.js/Express backend supporting authentication, leaderboards, play-count tracking, and category-based analytics with MySQL.
- Enhanced user engagement through personalization features such as badges, word-of-the-day, and category browsing.
- [\[Live Now\]](#)

### Airbnb Clone | Node.js, Express.js, MongoDB, EJS, Multer, bcrypt

- Built a full-stack Airbnb clone with MVC architecture using Express.js routing and EJS templating for dynamic views.
- Implemented secure user authentication system with bcrypt hashing and MongoDB session management.
- Developed property management system with Multer-based image upload and CRUD operations.
- Created comprehensive booking system with hosting, favoriting, and reservation features.

### Myntra Clone E-Commerce App | React.js, Redux, Node.js, Express.js

- Developed a fully responsive e-commerce frontend using React.js and Redux for state management.
- Dummy Simulated backend with Node.js, Express.js, and JSON-based product storage.
- Implemented core shopping features: product listing, cart, and checkout flow.
- Built reusable components and RESTful API calls for product and cart operations.

### ChessIndia | C++, SFML, Stockfish Engine

- Created a desktop chess application with AI opponent using Stockfish engine integration.
- Implemented core game rules including castling, en passant, checkmate, and pawn promotion.
- Designed interactive GUI with piece dragging, move validation, and undo/redo features.
- Integrated adjustable AI difficulty and real-time move suggestions.

### Data Structure Visualizer | C++, SFML, OOP, GUI

- Built an interactive tool to visualize data structures like arrays, stacks, queues, and trees.
- Implemented animated insert, delete, search, and traverse operations with speed control.
- Designed custom SFML-based GUI for structure selection and user input.
- Used OOP principles to modularize components and maintain structure-specific logic.

## CODING PROFILES

- Solved 220+ Problems on Leetcode
- Solved 120+ Problems on CodingNinjas