

VAIBHAV RANA

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[LeetCode](#) [Github](#) [Linkedin](#) vaibhavrana0204@gmail.com [GeeksforGeeks](#) [Hackerrank](#)

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, SQL, C++, Python
- **Technologies/Frameworks:** React, MongoDB, MySQL, Express, JavaScript, NodeJS, Bootstrap, Shadcn, Git, Git Bash, Github, HTML5, CSS, Tailwind CSS
- **Developer Tools:** VS Code, IntelliJ, BoltAi, ChatGPT(Prompts), Figma
- **Cloud Computing:** AWS Services: EC2, S3, IAM, VPC, Lambda, CloudFront, Transit Gateway

PROJECTS

ShopSphere

- Description: Developed a feature-rich e-commerce platform with dedicated admin and user panels.
- Tech Stack: React.js, Redux Toolkit, Node.js, Express.js, MongoDB, Mongoose, JWT, Stripe, Tailwind CSS.
- Implemented role-based access control and JWT authentication for secure user management.
- Integrated Stripe payment gateway to enable seamless and secure transactions.
- Secured RESTful APIs with authentication middleware and proper authorization mechanisms.
- Optimized database operations using MongoDB with Mongoose, ensuring efficient data management.

Safarnama

2023 - 24

- Description: Built a social media platform enabling users to share, explore, and engage with travel diaries in a seamless digital environment.
- Tech Stack: React.js, Redux Toolkit, Node.js, Express.js, MongoDB, Mongoose, JWT, Stripe, Tailwind CSS.
- JWT-based authentication with refresh token support.
- Integrated secure API architecture with middleware-based authentication and role-based access control.
- Designed and implemented user authentication, registration, and role-based access management.
- Optimized database interactions using MongoDB and Mongoose for seamless data handling.
- Enhanced UI/UX with Tailwind CSS, delivering a responsive and visually appealing user experience.

BookStack

2023 - 24

- Created an E-Book store platform that allows users to search, read, and explore a vast collection of books.
- Frontend: Built using React, Tailwind CSS, Snackbar, and Notistack to deliver a dynamic and responsive user experience.
- Backend: Node.js, Express.js, Mongoose, MongoDB, CORS, Postman.
- Ensured API security by implementing authentication middleware and enforcing proper access controls.

COURSEWORK / SKILLS

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|---------------------|---------------------|-----------------|----------|
| • DSA | • OOP(Java, C++) | • System Design | • Java |
| • Operating Systems | • Computer Networks | • DBMS | • Python |

CODING PLATFORMS

- Solved **300+** Problems on [Leetcode](#).
- Solved **150+** Problems across [GeeksforGeeks](#).

EDUCATION

Chitkara University, Patiala

B.E - Computer Science and Engineering

2022 – 2026

Patiala, Punjab

Indian Public School

12th

2020-2022

Radaur, Haryana

Gyan Devi Senior Secondary School

10th

2007 – 2020

Gurugram, Haryana

CERTIFICATIONS

- Data Structure and Algorithms(Shradha Khapra) - Apna College
- Complete Web Development(Chai aur code)-Udemy