

# VEDANT LAHANE

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🌐 [vedant-lahane](https://vedant-lahane.github.io)

🔗 [vedantlahane](https://vedantlahane.vercel.app)

🌐 [vedantlahane.vercel.app](https://vedantlahane.vercel.app)

## PROJECTS

### ShoeMarkNet [🔗](#) | [MERN Stack](#)

January 2024 – Present

- Created an e-commerce platform using **MERN stack** (MongoDB, Express.js, React.js, Node.js) for reselling shoes with a focus on performance and user experience.
- Developed advanced **search and filtering** functionality with **MongoDB aggregation pipelines**, enabling users to efficiently find products based on categories, sizes, and brands, reducing search times by **30%**.
- Built an intuitive **admin dashboard** for managing products, orders, and users, with **role-based access control** to differentiate between admin and customer functionalities.
- Optimized front-end performance using **React.js** with **Hooks** and **Redux** for state management, reducing load times by **25%** and enhancing user satisfaction.
- Ensured a responsive and accessible design using **Tailwind CSS**, improving usability across all devices.

### MyBlog [🔗](#) | [MEAN Stack](#)

April 2023 – Present

- Developed a dynamic blogging platform using **MEAN stack** (MongoDB, Express.js, Angular, Node.js), enabling users to create, edit, and manage blog posts with ease.
- Implemented a robust user authentication and authorization system ensuring secure access and data privacy.
- Designed and deployed RESTful **APIs** to handle all **CRUD** operations, resulting in a **30%** improvement in server response times and a **25%** increase in data retrieval efficiency, supporting over **10,000** daily requests.
- Enhanced mobile responsiveness and cross-browser compatibility using **Bootstrap** and custom **CSS**, and currently transitioning to **Tailwind CSS** to further improve user engagement across devices.

## SKILLS

**Programming Languages:** Java, C/C++, Python, JavaScript, PHP, SQL

**Frameworks & Libraries:** React.js, Redux, Node.js, Express.js, Angular, HTML, CSS

**Databases & Tools:** MongoDB, MySQL, Git, GitHub, Linux, Postman

**Core Technologies:** RESTful APIs, System Design, Agile Methodologies, Web Development

**Coursework:** Data Structures & Algorithms, Operating Systems, Computer Networks, OOPs

**Soft Skills:** Problem-solving, Teamwork, Adaptability, Creativity

## CERTIFICATIONS & ACHIEVEMENTS

### Competitive Programming

2023 – Present

LeetCode and GeeksForGeeks

Solved **250+** DSA questions and **LeetCode Ranking: 1,476**

### GeeksForGeeks

2023

Certificate in Data Structures and Algorithms

[View Certificate](#) [🔗](#)

### Coursera

2023

Certificate in Dynamic Programming and Greedy Algorithms

[View Certificate](#) [🔗](#)

### NPTEL

2024

Certificate in Cloud Computing

**Final Score:** 69/100 - [View Certificate](#) [🔗](#)

## EDUCATION

### Lovely Professional University

Sep 2022 – May 2026

B.Tech in Computer Science and Engineering - **CGPA: 7.88**

Punjab, India

### Vivekananda Junior College

2021

Higher Secondary Education (XII) - Science - **92%**

Nagpur, India

### Gurukul Public School

2019

Secondary Education (X) - **85.60%**

Paratwada, India