

VIPUL GUPTA

Ambala, Haryana, India

☎ +91-9813974250

✉ vipulgupta92998@gmail.com

🌐 [linkedin.com/in/vipul-gupta](https://www.linkedin.com/in/vipul-gupta)

🐙 github.com/vipulgupta

Education

Maharishi Markandeshwar (Deemed to be University)

Ambala, India

Bachelor of Technology in Artificial Intelligence & Machine Learning

June 2025 – August 2029

- Relevant Coursework: Web Development, Database Management

Technical Skills

Languages: Python, JavaScript (ES6+), HTML5, CSS3

Frontend: React.js, Redux, Tailwind CSS, Responsive Design, Vite

Backend: Node.js, Express.js, REST APIs, JWT Authentication

Database: MongoDB

Tools & Technologies: Git, GitHub, Postman, VS Code, npm, Linux

Core Competencies: MERN Stack Development, React Hooks, State Management, UI/UX Design

Projects

Notes Sharing Platform | React, Node.js, Express, MongoDB, Tailwind CSS, JWT

2024

- Developed a full-stack web application enabling students to upload, share, and download academic notes with role-based access control
- Implemented secure user authentication using JWT tokens and password hashing with bcrypt for enhanced security
- Designed responsive UI with dark/light theme toggle using Tailwind CSS, improving user experience across devices
- Built RESTful APIs with Express.js for CRUD operations and integrated MongoDB for efficient data management
- Architected an admin panel for content moderation and user management (in development)

MyStudyTracker | React, Redux, Vite, Chart.js, Local Storage API

2024

- Building a personal academic dashboard for students to track assignments, attendance, grades, and study schedules
- Utilized Redux for centralized state management across multiple components and data visualization using Chart.js
- Implemented React Hooks (useState, useEffect, useContext) for efficient component lifecycle management
- Optimized build performance using Vite, reducing development server start time by 60% compared to Create React App

Portfolio Website | React, Tailwind CSS, Framer Motion, Responsive Design

2024

- Created a modern, animated portfolio website showcasing projects and skills with smooth scroll animations
- Achieved 95+ performance score on Google Lighthouse through code optimization and lazy loading techniques
- Deployed on Vercel with CI/CD pipeline for automated builds and seamless updates

Experience

Open Source Contributor

Remote

Various Open Source Projects

2024 – Present

- Actively contributing to open-source projects on GitHub, focusing on React components and documentation improvements
- Collaborated with developers worldwide using Git version control and pull request workflows

Achievements & Certifications

Built 2+ full-stack projects demonstrating proficiency in MERN stack and modern web development practices

Self-taught developer with strong foundation in React.js, Node.js, and RESTful API design

Actively learning AI/ML concepts including Neural Networks, TensorFlow, and Scikit-learn

Additional Information

Interests: EdTech Solutions, AI Integration in Web Apps, Open Source Development

Soft Skills: Team Collaboration, Problem Solving, Time Management, Continuous Learning, Adaptability

Languages: English (Fluent), Hindi (Native)