

MOHIT VIJAY JESWANI

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EDUCATION

Vivekanand Education Society's Institute of Technology <i>B.E. in Computer Engineering (Avg C.G.P.A - 7.04, till 6th Semester)</i>	<i>Mumbai, India</i> 2022 – Present
Late Jyoti Janolkar College <i>Higher Secondary Education (Grade: 76.67%)</i>	<i>Akola, India</i> 2021 – 2022
Noel School <i>Secondary School Education (Grade: 78.60%)</i>	<i>Akola, India</i> 2019 – 2020

TECHNICAL SKILLS

- **Languages:** Java, C, JavaScript
- **Web Technologies:** React.js, Node.js, Express.js, Next.js, TailwindCSS
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Developer Tools:** Git, VS Code, Postman, Linux
- **Computer Engineering Concepts:** Data Structures and Algorithms, Object-Oriented Programming (OOP), Operating Systems (OS), Database Management Systems (DBMS).

PROJECTS

Edu-Pilot: AI-Powered Course Creation Platform [Live Demo](#) | [View on GitHub](#)
Tech Stack: Next.js, React.js, Drizzle ORM, Neon (PostgreSQL), Clerk, Vercel, Google Gemini API, OpenAI API

- Architected a full-stack AI learning platform with Next.js and PostgreSQL, enabling users to create and enroll in online courses.
- Integrated a multi-model AI fallback system (Gemini, GPT-3.5) to ensure high availability for the content generation engine.
- Implemented secure authentication, session management, and billing using Clerk and managed the database schema with Drizzle ORM.

CarConnect: Car Rental & Carpooling Platform [View on GitHub](#)
Tech Stack: React.js (TypeScript), Node.js, Express.js, MongoDB

- Developed a unified car rental and carpooling platform using the MERN stack (TypeScript) to provide a single, cohesive user experience.
- Engineered a secure RESTful API with Node.js and Express.js to handle user authentication, ride posting, and vehicle bookings.
- Built a dynamic React.js UI enabling users to seamlessly list vehicles, post routes, and search for available rides.

Hotel Management System [View on GitHub](#)
Tech Stack: Java, JavaFX, SceneBuilder, PHPMyAdmin

- Engineered a dynamic booking module to manage guest reservations, room availability, and live pricing updates.
- Streamlined the end-to-end guest lifecycle by automating workflows from check-in and room allocation to final billing.
- Constructed an intuitive desktop GUI with JavaFX and SceneBuilder to enhance staff operational efficiency.

ACHIEVEMENTS & LEADERSHIP

- Certificate of Participation in Syrus 25 Hackathon
- **LeetCode Profile:** ([Mohit-Jeswani](#)).