

Milan Arunkumar Vadhel

 MilanVadhel01  MilanVadhel  milanvadhel01@gmail.com +91-9327158313

SUMMARY

Passionate Information Technology student turning ideas into real-world digital solutions through full-stack development and AI-driven projects. Strong problem-solving mindset with a focus on innovation, usability, and continuous growth.

EDUCATION

Charotar University of Science And Technology

2024 – 2028

Bachelor of Technology in Information Technology

SKILLS

Languages: Java, Python, JavaScript, C++, HTML, CSS

Frameworks: React.js, Node.js, Express.js, Spring Boot, Tailwind CSS

Databases: MongoDB, PostgreSQL, MySQL

Tools: Git, GitHub, OpenCV, VS Code, Postman, Firebase, MediaPipe

Core Concepts: DSA, Prompt Engineering, Automation with AI Tools, OOP, REST APIs, Blockchain, Problem Solving

PROJECTS

AI Air Canvas  

2025

- Developed a gesture-controlled drawing application using Python, OpenCV, and MediaPipe for real-time hand landmark detection.
- Implemented color selection, brush controls, and canvas tracking through computer vision algorithms for smooth touchless interaction.
- Optimized frame processing pipeline to improve responsiveness and consistent gesture recognition during live webcam usage.

ServeEase 

2025

- Built a full-stack service booking platform using React.js, Spring Boot, and PostgreSQL to connect users with domestic help providers.
- Integrated Firebase Authentication for secure login and role-based access with structured backend APIs for bookings and user management.
- Designed responsive UI workflows for service discovery, request tracking, and seamless booking experience.

HRMS Portal  

2025

- Developed a centralized HR management system using MongoDB, Express.js, React.js, and Node.js (MERN stack).
- Implemented modules for employee records, attendance management, and dashboard analytics using REST APIs and database operations.
- Improved administrative efficiency by digitizing workflows with scalable full-stack architecture.

ACHIEVEMENTS

- Winner in Coder's Arcade 2.0 (2025).
- Organized and coordinated an institutional event under the Equal Opportunity Cell.

CERTIFICATIONS

- Algorithm Design: Mastering Computational Problem Solving – BITS Pilani
- Core Java – LearnQuest
- JavaScript Programming Essentials – IBM
- Blockchain – University of California, Irvine