Raj Patel

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EDUCATION

Bachelor of Engineering, Information Technology Aug. 2021 – May 2025
A.D. Patel Institute of Technology (New V V Nagar Anand) *(CGPA: 8.66)*

Minor Degree, Internet Of Things Aug. 2022 – May 2024
A.D. Patel Institute of Technology (New V V Nagar Anand) *(CGPA: 7.44)*

TECHNICAL SKILLS

Languages : C/C++, JavaScript, Php

Frontend : HTML/HTML5, CSS/CSS3, React.js, Angular, Tailwind CSS

Backend : Node.js, Express.js, Php

Database : MySql, PostgreSQL, MongoDB

Tools : Jira, Git, Github, VS Code, Arduino IDE

EXPERIENCE

Internship at Bits Infotech (Ahmedabad) Jan. 2025 – May 2025
Project: E-Commerce Website

- Developed a full-featured e-commerce website using PHP, Bootstrap, jQuery, AJAX, and MySQL.
- Implemented dual-role functionality for Admin and User, enabling role-based access and features.
- Integrated OTP-based login and registration system via email for secure user authentication.
- Incorporated Razorpay API to enable seamless online payment processing

Internship at Tatvasoft (Ahmedabad) May 2024 – June 2024
Project: Community Investment Platform

- Implemented using React.js for the frontend and Node.js for the backend.
- Leveraged PostgreSQL as the database to ensure reliable and efficient data management.
- Integrated various APIs to enhance the website's functionality and interactivity.

PROJECTS

Portfolio : patelraj.vercel.app

Employee Management System (EMS)

- Implemented using React.js and Tailwind CSS
- Developed a system where an admin can assign tasks to employees.
- Used local storage for handling login data, employee data, and admin data.

Coding and Mentorship Platform for University

- Implemented using React, Tailwind CSS, Node.js and MongoDB
- Developed a platform to help mentors and students interact and learn from each other.
- Provided features for sharing courses, materials, videos, quizzes, and practice questions.

Smart Car Parking System

- Developed a remote-controlled car using the Blynk platform, enabling directional movement via mobile device.
- Integrated ultrasonic sensors for object detection, enhancing parking precision and obstacle avoidance.
- Hardware components: ESP8266, Motor driver, DC motor, Servo motor, Ultrasonic sensor, etc.

CERTIFICATES/ ACHIVEMENT

- Coursera Certified Introduction to Structured Query Language (SQL) by University of Michigan
- Participated in Student Startup and Innovation Policy (SSIP'23) Hackathon
- District Level champion in Archery