

Om Patel

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EDUCATION

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, CHANGA-ANAND, GUJARAT

August 2022- Present

B.Tech Information Technology

HSC, SHREE RAM VIDHYALAYA, PALANPUR, GUJARAT

June 2022

GSHEB- Science- 71%

SSC, SHREE SARASWATI SISHUMANDIR MADHYAMIK VIDHYALAYA, THARA, GUJARAT

June 2020

GSEB- 74%

INTERNSHIP

CODE ALPHA, Lucknow, Uttar Pradesh, India

2024

Software development company in Lucknow

Project: Fitness Tracking Website

- Built a fitness tracking website designed to help users log their activities and monitor progress. Utilizing HTML, CSS, JavaScript, and ReactJS, this project focused on user experience and data management.

Project: E- Learning Platform:

- It provides an intuitive learning experience, especially for students in rural areas. It allows students to easily search for and access courses and video lectures, while teachers can upload their content. With a secure login, smooth enrollment, and payment gateway, the platform offers seamless access to quality education. Developed with advanced technology, it aims to bridge the educational gap for both students and educators.

SKILLS / CERTIFICATIONS

- C++, C#, HTML, CSS, JavaScript, React JS, .Net, SQL
- NPTEL : DSA using Java / Database management System
- HackerRank : Java (Basic), SQL (Basic)
- 10+ Google Cloud Badges Certificates

PROJECTS

E- Commerce Website:

- It offers an engaging and intuitive user experience with features like a sleek home page, secure login interface, and easy-to-navigate menu. It enables users to browse and book turfs seamlessly, complete with a streamlined booking process and a secure payment gateway. Developed using MERN Stack.

Library Management System:

- Designed a web-based Full-Stack Library Management System to automate and integrate library operations, such as book inventory management, user registration, tracking of book issue/returns, and fine calculation. The frontend was designed with ReactJS for a responsive and user-friendly interface, while the .NET Core backend managed secure APIs, authentication, and transaction processing. Used SQL Server database for storing and retrieving books, members, and transaction records efficiently. Developed role-based access for librarians and admins, improved search for books with filters, and created automated reports for the daily and monthly activities of libraries.

Crop Recommendation App:

- A Crop Recommendation System app that helps farmers and agricultural stakeholders determine the most suitable crop to grow based on environmental factors such as soil type, pH level, temperature, humidity, and rainfall. The system leverages Machine Learning (ML) algorithms to predict the best crop for a given region, improving yield and sustainability.

TECHNICAL ACHIVEMENTS

- Successfully solved over 100+ problems in leetcode.
- Successfully solved over 80+ problems in CodeChef.