



OBJECTIVE

Motivated B.Tech IT student with a foundational understanding of MERN Stack, Web Development, and Object-Oriented Programming in Java and Python. Eager to apply and enhance my skills by contributing to real-world projects while continuously learning advanced technologies like AI and Machine Learning. Seeking an opportunity to grow in a dynamic and innovative environment.



PROJECT

Inventory Management System

- Built a full-stack inventory management system using the MERN stack for tracking stock, sales, and purchases.
- Developed a responsive React.js frontend with Redux for efficient state management.
- Created RESTful APIs using Node.js and Express.js to handle real-time inventory updates.
- Implemented JWT authentication and role-based access for secure user management.
- Skills Used:** MongoDB, Express.js, React.js, Node.js, Redux, JWT Authentication, REST API

Loan Default Prediction Model

- Developed a machine learning model to predict loan default using Python and Random Forest.
- Preprocessed data by handling missing values, encoding categorical features, and scaling.
- Trained and fine-tuned a Random Forest Classifier for accurate risk prediction.
- Evaluated model using precision, recall, F1-score, and ROC-AUC metrics.
- Skills Used:** Python, scikit-learn, Random Forest, Data Preprocessing, Model Evaluation

CalcExperts - Interactive Math Utility App

- Developed a simple React.js application, using CSS for GCD, factorial, and modulo functions.
- Developed responsive login and about pages to show basic frontend development skills.
- Used React hooks and state management as part of learning React development.
- Skills Used:** React.js, CSS, JavaScript, Frontend Development

Personal Portfolio Website

- Developed a responsive portfolio website using HTML, CSS, and JavaScript to showcase projects and skills.
- Designed an interactive and visually appealing layout with smooth animations and dynamic content.
- Skills Used:** HTML, CSS, JavaScript, Responsive Design



EDUCATION

B.Tech (2022-present) (Information Technology)

Chhotubhai Gopalbhai Patel
Institute of Technology,
Uka Tarsadia University
CGPA : 9.27

12th with PCM (GSHEB) (March-2022)

Sanskar Vidhyalay, Kim, Surat
Pct:- 73%

10th (GSHEB) (March-2020)

Shree Kalyan Vidhyalay,
Kalyanpura, Kadi.
Pct:- 77%



SKILLS

- Programming Languages:** C, C++, Java, Python
- Web Development:** HTML, CSS, JavaScript, React.js, Node.js, MongoDB.
- Tools:** Microsoft Visual Studio Code, Git & Github.



RELEVANT COURSES

Python Engineer - MIMO e-Learning

- Covered Python essentials and core programming concepts.
- Learned functional and object-oriented programming paradigms.
- Gained experience in building scripts and working with modules & APIs.

Placement Preparation - Apna College (Sigma 4.0)

- Covered Data Structures & Algorithms using Java and core problem-solving techniques.
- Learned full stack development including HTML, CSS, JavaScript, React, Node.js, and MongoDB.
- Gained hands-on experience through projects, coding challenges, and interview preparation.