Om Patel

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SUMMARY

Highly motivated and versatile Software Development Engineer with a strong foundation in computer science and web development. Possesses a proven track record of developing and optimizing software solutions, demonstrated through internship experience and personal projects.

EDUCATION

ITM (SLS) Baroda University, Vadodara (2021 –2025)

- B. tech in Computer Science and Engineering

Schooling in – R & B Sarvajanik High School

- Complete 10th and 12th (Science)

EXPERIENCE

CODE UNNATI

Internship Trainee

- Explored diverse technologies including Linux, ML, AI, IOT, GIT-GitHub and soft-skills workshops.
- Gained Practical hands-on experience, resulting in significantly advance skills compared to peers.

Brainy Beam , Ahmedabad ,India (27jun –27 July)

React js Internship (remote)

- Learn react js function and fundamentals.
- Create catering website offers an easy platform to book dinner services for any event and customize menu and enjoy Hassel-free booking with detailed service descriptions.

Enlighten Infosystem (21 Jan - 21 Apr)

Fullstack Internship

- Developed and maintained full-stack web applications using My sql, Express.js, React.js, and Node.js.
- Designed and implemented responsive UI components with React and integrated RESTful APIs.
- Built and optimized backend APIs, ensuring smooth data flow and authentication.

PROJECTS

Project 1: Disease Prediction System
Description: Implemented a machine learning-based disease prediction system that takes user-reported symptoms as input and predicts the most likely disease. The system aims to assist in preliminary medical diagnosis.
Languages Used: Python
Tools & Technologies: Visual Studio Code, Pandas, Scikit-learn, NumPy,Tkinter
My Role: Developed the symptom-to-disease prediction logic using classification algorithms, performed data preprocessing, and evaluated model performance.

Project 2: Carpool App (RideShare)
Description: Built a frontend-only ride-sharing web application that enables users to create and search for available rides. The application is designed to enhance travel convenience through a clean and intuitive interface.
Languages Used: JavaScript
Tools & Technologies: HTML, CSS, JavaScript, Visual Studio Code

My Role:

- Designed and implemented both “Create” and “Search” ride modules on the frontend.
- Handled form input validation, data handling within the browser, and dynamic UI updates.
- Ensured responsive layout for mobile and desktop devices.

Project 3: Bone Fracture Detection and Classification using CNN
Description: Built a deep learning-based system that not only detects whether a bone is fractured but also classifies the type of bone (e.g., elbow, wrist, shoulder) from X-ray images. The model supports multi-class and binary classification to aid in medical diagnostics.
Languages Used: Python
Tools & Technologies: TensorFlow, Keras, NumPy, Tkinter , Visual Studio Code
My Role:

- Preprocessed medical X-ray datasets by resizing, normalizing, and augmenting images for better model generalization.
- Designed a CNN model with two output heads: one for bone type classification and another for fracture detection.

CERTIFICATION

- SAP certification(Code Unnati)

SKILLS

Technical Skills

- **Programing Languages**
  - Java , Python , Html , Css , Javascript , React js , Node js , My sql
- **Frameworks & Tools**
  - ASP.NET,Bootstrap&J-query,Figma,AndroidStudio,Flutter

LANGUAGE SKILLS

- English
- Hindi
- Gujarati