Darshan Patel

⚲ Nadiad, Gujarat ✉ darshan2224patel@gmail.com ▯ 9328828078 ▣ in/darshan-patel-5514bb266 ☁ darshanptel.vercel.app

SUMMARY

Highly motivated and conceptually strong Full-Stack Developer proficient in Python, with hands-on experience in building robust web applications. Possesses a solid understanding of AI, Machine Learning, and Large Language Models (LLMs), eager to leverage innovative problem-solving skills and a rapid learning ability to contribute to dynamic development teams. Actively seeking an entry-level Full-Stack Developer role to apply comprehensive technical knowledge and a detail-oriented approach.

INTERNSHIP

Python Development Intern

Sparks to ideas   **Ahmedabad**

- Transaction Report Generation: Users could filter transaction reports by a specific date range, making it easier to track account activities.
- Balance Tracking: The system displayed the updated balance after every transaction, ensuring users always had real-time insights into their account status.
- Monthly Interest Calculation: I utilized Celery to schedule and automate the monthly interest calculation, ensuring accurate and timely financial updates for users.
- This project not only deepened my understanding of Python but also honed my ability to integrate real-world functionalities into practical applications, enhancing user experience and operational efficiency.

Flutter Developer Intern

Techno guide Infosoft Ltd Pvt   **Jan 24 – Apr 24, Anand**

- Digital Marketing CRM Software acts as an integrated platform for efficiently managing and streamlining digital marketing campaigns.
- It enables seamless work distribution among team members, ensuring effective collaboration and timely execution of tasks.
- The software centralizes key aspects of campaign management, allowing teams to track performance, analyze results, and optimize strategies from a single interface.

PROJECT

BANKING SYSTEM

- Developed a secure banking system backend in Python/Django, The banking system has different features like Check transaction report with a date range filter, see balance after every transaction in The transaction report calculates monthly interest using celery scheduled tasks.
- Also I used the HTML and CSS templates to add more user friendly interface in frontend with the power of my SQL database.

Digital Marketing CRM Software (Mobile/Web Application)

- Developed a cross-platform Digital Marketing CRM software application using Flutter and Dart, providing a centralized platform for efficient campaign management.
- Implemented core CRM functionalities, including work distribution among team members, enabling seamless assignment and tracking of marketing tasks.
- Designed the system to streamline workflow and enhance time-saving by centralizing campaign data, client interactions, and team communication.
- Leveraged Firebase as the backend database (Firestore/Realtime Database) for real-time data synchronization, secure user authentication, and scalable data storage.

LungScan Al | AI/ML Developer

Hack4Health 2025 (Devpost) · lungscan-project.vercel.app

- Developed an innovative AI-powered diagnostic assistant for lung conditions, featuring a custom-trained model for CT scan detection, a secondary model for in-depth analysis, and human-readable descriptions generated via a Hugging Face LLM.
- Integrated Google Gemini for enhanced functionalities, showcasing advanced proficiency in multi-modal Al and deep learning deployment.

Safesphere AI

Full-Stack AI Developer · AmpliCode 2025 Hackathon (Devpost)

- Developed Safesphere AI, a comprehensive security solution built during the AmpliCode 2025 hackathon, designed to identify suspicious or malicious data within PDF and document files.
- Engineered a robust backend using Python with Django to power AI/ML models for content analysis and integrated a URL safety detection module to assess potential web threats.
- Created a responsive and intuitive frontend with React.js, enabling users to seamlessly upload files and URLs for real-time security scanning and threat intelligence.
- This project showcases expertise in full-stack development, cybersecurity applications of AI, and rapid prototyping under pressure.

Temperature and Humidity Measurement System | Embedded Systems/IoT Developer
· Developed a real-time temperature and humidity measurement system utilizing a DHT11 sensor interfaced with a Raspberry Pi.
· Designed and implemented the system to accurately collect and display environmental data, demonstrating core concepts of sensor integration and embedded programming in Python.
· Completed as part of the SAP Code Unnati program, showcasing practical application of IoT fundamentals.

Target Distance Measurement System | Embedded Systems/IoT Developer
· Engineered a target distance measurement system by integrating an ultrasonic sensor with a Raspberry Pi.
· Programmed the system in Python to precisely calculate and display distances to objects, illustrating principles of sensor data acquisition and interpretation.
· Executed during the SAP Code Unnati program, reinforcing practical skills in IoT and embedded system development.

EDUCATION

Bechelor of Engineering – INFORMATION TECHNOLOGY
SARDAR PATEL COLLEGE OF ENGINEERING, Gujarat Technological University · Anand, Gujarat · Jun 2024 · 8.61

H.S.C in (H.S.C) – Science Stream
A. J. HIGHER EDUCATION SCHOOL, VASO · Vaso · Mar 2020 · 72%

S.S.C in (S.S.C)
A.J. HIGH SCHOOL, VASO · Vaso · Mar 2018 · 80%

CERTIFICATIONS

AI ML CERTIFICATION
Code Unnati program by SAP · Jun 2024
· Completed an intensive certification program focused on foundational and advanced concepts in Artificial Intelligence (AI), Machine Learning (ML), and the Internet of Things (IoT).

SKILLS

PYTHON, DART, Javascript, SQL/MYSQL

Web Applications, EXPRESS, REACT JS, NODE JS, Django REST framework, ANDROID DEV., FLUTTER, FIREBASE, sqlite, Next JS

AI/ML, DATA ANALYSIS(SAP ANALYTICS CLOUD, Langchain

CSS, POWER BI

Fast API