

# Harshil Patel

pharshil748@gmail.com • +91 7887710001 • Bhavnagar, Gujarat, India • [Linkedin](#) • [GItHub](#)

---

## SUMMARY

---

Computer Engineering student with strong foundational knowledge in programming, machine learning, and cybersecurity. Experienced in building real-world applications and participating in national-level competitions. Passionate about learning and solving complex problems through technology. Currently seeking a summer internship to apply and grow my skills in a collaborative, innovative environment.

## PROJECTS

---

### , **PyLock – Desktop Password Manager**

Dec 2024 - Mar 2025

Built a Python app to securely store and manage passwords  
Integrated SMTP-based 2FA and encrypted storage via SQLite

### , **Portfolio – Personal portfolio website**

Jan 2025 - Apr 2025

- Developed a responsive personal portfolio website, enhancing user experience across devices by implementing modern animations and dark mode support.
- Utilized TypeScript for type-safe development, ensuring code quality and maintainability.
- Leveraged Tailwind CSS for rapid styling, streamlining the design process and improving efficiency.

### , **Trace Trackers – Smart India Hackathon 2024**

Sep 2024 - Dec 2024

Designed a tool for tracing crypto transactions in drug trafficking  
Applied neural networks and blockchain analytics for pattern detection

### , **Words Navigator – Java Text Processing Tool**

Aug 2024 - Sep 2024

Developed a CLI tool for word frequency analysis and content editing

### , **Line Following Car – Arduino Robotics**

Aug 2023 - Dec 2023

Programmed an IR-sensor-based Arduino vehicle for path automation

## EDUCATION

---

DEPSTAR, Charotar University of Science and Technology, Gujarat

B.Tech in Computer Engineering • Jul 2023 - Present

Indian Institute of Technology, Mandi

Minor in Artificial Intelligence • Mar 2025 - Present

Focused on practical and advanced AI applications

## LICENSES & CERTIFICATIONS

---

### **Postman API Fundamentals**

Postman •

### **Core Java**

LearnQuest •

### **Learn C**

CodeChef •

### **Python Basic**

HackerRank •

### **Foundations of Cybersecurity**

*Google* •

***Introduction to LLMs***

*Google* •

## **SKILLS**

---

Python • Java • C • C++ • JavaScript • HTML • CSS • SQL • Node.js • TensorFlow