Hemil Patel

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EDUCATION

- **Charusat University, Anand, Gujarat, India**
  Bachelor of Technology - Computer Science and Engineering; CGPA: 9.84   July 2023 - June 2027

- **Lokmanya Vidhyalaya, Rander, Surat**
  Higher Secondary Certificate (HSC) - Science Stream; 78%   2021 - 2023

- **Smt. I. N. Tekrawala High School, Surat**
  Secondary School Certificate (SSC) - 81%   2020 - 2021

SKILLS SUMMARY

- **Programming Languages**: Java, JavaScript, C, C++, Python, SQL
- **Frameworks & Tools**: Node.js, React.js
- **Database**: MongoDB, XamppDB
- **Courses & Certifications**:
  Design and Analysis of Algorithms - NPTEL
  Data Structures and Algorithms Using Java - NPTEL
  Getting Started with AI on Jetson Nano - NVIDIA
- **Soft Skills**: Time Management, Self-learning, Resilience

PROJECTS

- **Clubs Management System**
  Responsive Web Application   2024
  - Built a web app to manage college club activities and boost student involvement.
  - Created distinct interfaces for students, faculty coordinators, and admins.
  - Added features like club registration, event listings, feedback, and participation logs.
  - Tech stack: HTML, CSS, JavaScript (frontend), PHP (backend), and MySQL via XAMPP.

- **Event Management System**
  Python-Based Application   2025
  - Developed an intuitive event management system using Python and Gradio.
  - Implemented event creation, user registration, and real-time event tracking features.
  - Enabled admin approval workflows and user/admin-specific dashboards.
  - Used CSV files for persistent storage and ensured input validation throughout.

- **Reduce Food Loss**
  Full-Stack MERN Application (Ongoing)   2025
  - Built a MERN stack app to reduce food waste in retail through intelligent inventory control.
  - Integrated AI-based demand prediction and expiry-based dynamic discounting.
  - Enabled auto-tracking of donations for unsold items and analysis using price margins.
  - Created dashboards for inventory, sold, donated, and expired products to manage lifecycle.

ACHIEVEMENTS

- Earned HackerRank badges including 5 stars in C++, 4 stars in Problem Solving, Java, and C, demonstrating strong coding and problem-solving skills. [HackerRank Profile]

- Solved more than 150 coding problems on LeetCode to improve problem-solving skills. [LeetCode Profile]