Nilay patel

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Education

gcet *iot, 2022-2026*
GPA: 3.8/4.0

Additional Activities

- **ISTE** (2022-present) - Proficiency in web development technologies (HTML, CSS, JavaScript). Understanding of version control systems (e.g., Git). Enhanced teamwork and communication skills through collaborative projects.
- **IEEE club** (2024-2025) - Organize workshops, seminars, and guest lectures featuring industry professionals and faculty members to enhance members' understanding of current technologies and trends.Provide hands-on experience through projects, hackathons, and competitions that encourage creativity and innovation.

Skills

Programming Languages: html, css, js
Software Development: Agile Development, Cross-functional Collaboration,
Web Technologies/Libraries: react, node
Databases and Tools: sql, mongodb

Projects

ai interview   mern

- Engineered platform processing 500+ daily edits with 300ms response time
- Reduced HD image processing time by 80% (2.5s → 0.5s)
- Ensured 99.9% uptime for MongoDB storage system

Uber clone   React Native, Firebase, Maps SDK

- Integrated Google Maps API for live location tracking and route optimization.
- Implemented surge pricing engine boosting driver earnings by 25%
- Created driver-matching algorithm cutting wait times by 40%
- Utilized Firebase for real-time notifications on ride status updates.

AI medical assistant   React Native, Python, TensorFlow

- Built cross-platform React Native app with Flask backend using MongoDB for scalable storage
- Integrated IBM Granite chatbot handling 1.2K+ daily queries
- Developed AI report summarization reducing analysis time by 70%
- Compiled database of 200K+ medicines with drug interaction checker
- Enhanced OCR extraction of medicine details from prescriptions with 90%+ accuracy

Experience

web intern   facebook — 2022-2024

- Assisted in the development and maintenance of the company's website using HTML, CSS, and JavaScript. Conducted testing and debugging of web applications to ensure optimal performance across various browsers and devices.

Achievements

- 2nd Place in Imaze 2024 DSA Competition - 20% algorithm optimization
- CVMU Hackathon Finalist - Built AI prescription reader for visually impaired users
- 2-Star CodeChef (Rating 1453) - Top 10% rank in CodeChef Starters 168/169