

Sachin Gupta

Web Developer — AI Integration

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Profiles

[LinkedIn](#) [GitHub](#) [Facebook](#)

Summary

Aspiring Web developer skilled in Node.js, Python Flask, Firebase, and AI integration, with strong frontend expertise in React. Led MedTrack's health-tech platform and contributed to IEEE Xtreme 18.0 and IEEE research. Driven to build scalable web solutions for healthcare.

Experience

- MedTrack.** 2024
Lead Developer/Web Developer *Hyderabad, Telangana, India*
- Built medication management platform using Python Flask and React for real-time reminders and health tracking.
 - Trained machine learning models and managed RESTful APIs with React UI for personalized health recommendations.
 - Implemented secure authentication and real-time data synchronization using Firebase backend services.
- VBIT IEEE Form** 2024 - 2025
IEEE Member (Research and Developer) *Hyderabad, Telangana, India*
- Developed AI-driven web prototypes with ML and backend focus for healthcare and technology applications.
 - Organized workshops to drive technical innovation and mentored junior developers in full-stack development.

Education

- Vignana Bharathi Institute of Technology** Sep 2022 - Jul 2026
B.Tech, Computer Science *Bachelor of Technology - BTech Coursework: Web Development, Database Systems, Python, JavaScript, Data Structures & Algorithms*

Projects

- Heart Disease Prediction Platform**
Built comprehensive heart disease prediction platform using ML algorithms for early detection and risk assessment.
- Achieved 94% prediction accuracy using ensemble learning with Random Forest and SVM models.
 - Developed interactive React dashboard for healthcare professionals with patient risk assessment tools.
 - Implemented secure Flask API endpoints for patient data processing with medical data compliance.
- Python Flask, Machine Learning, React.js, Scikit-learn, Medical APIs*
- Parkinson Disease Detection Web Platform**
Created AI-powered Parkinson's disease detection platform using voice analysis for early-stage diagnosis.
- Implemented ML models for early-stage disease detection with 89% accuracy using voice pattern analysis.
 - Developed intuitive React frontend with real-time audio processing and result visualization.
 - Integrated secure patient data management with comprehensive diagnostic reporting system.
- Python Flask, React.js, TypeScript, Machine Learning, Audio Processing*

Tech News Aggregator Platform

Developed comprehensive tech news aggregation platform with real-time content curation and personalized experience.

- Built scalable Node.js backend with MongoDB for efficient data storage and retrieval from multiple sources.
- Created responsive React frontend with advanced filtering and personalized news feed recommendations.
- Integrated multiple news APIs with automated content categorization and user authentication system.

Node.js, React.js, MongoDB, News APIs, Express.js

Skills

Machine Learning & AI	Backend Development	Frontend Development
● ● ● ● ○	● ● ● ●	● ● ● ● ○
Database Management	Cloud Computing	Leadership
● ● ● ● ○	● ● ● ○ ○	● ● ● ● ○
API Development	Problem Solving	Team Collaboration
● ● ● ● ●	● ● ● ● ●	● ● ● ● ○