

# Sachin Gupta

Web Developer — AI Integration

Karimnagar — +91-9381432671 — [guptasach8247@gmail.com](mailto:guptasach8247@gmail.com)

## Profiles

[in Sachin Gupta](#) [GitHub SachinGupta93](#) [Globe Sachin Gupta](#)

## 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

●●●●○

### Database Management

●●●●○

### API Development

●●●●●

### Backend Development

●●●●●

### Cloud Computing

●●●●○

### Problem Solving

●●●●●

### Frontend Development

●●●●○

### Leadership

●●●●○

### Team Collaboration

●●●●○