Sachin Gupta

Backend Developer — AI Integration Specialist

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Profiles	in Sachin Gupta ◯ SachinGupta93 🌐 Sachin Gupta

Summary	Aspiring backend 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**
●●●●●	●●●●●	●●●●○