Contact

9584202934 (Mobile)
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Top Skills

Postman API
NumPy
Pandas (Software)

Languages

English (Professional Working)
Hindi (Native or Bilingual)

Certifications

Basic Python
Elements of AI
Paranox 2.O Hackathon
Problem solving(Basic)
AWS Cloud Practitioner Essentials

Prateek Dwivedi

AI/ML Engineering Student | Building End-to-End AI Products (Healthcare, DSA) | Python, ML, MERN | Seeking Internship
Bhopal, Madhya Pradesh, India

Summary

I’m a B.Tech Artificial Intelligence student who focuses on building end-to-end AI-driven products, not just training models or collecting certificates.

I work at the intersection of AI/ML + full-stack development, where I design systems that combine machine learning, APIs, and scalable web architecture.

I’ve built:

An AI-powered Healthcare Assistant that analyzes symptoms using structured prompts and delivers context-aware responses

A DSA Problem Solver & Tracker with AI-based hints, progress tracking, and a code-execution workflow

My core stack includes Python, Machine Learning, MERN (MongoDB, Express, React, Node.js), REST APIs, Git, and prompt engineering for LLM-based systems.

I’m actively seeking AI/ML or software engineering internships where I can contribute to real products, learn from strong engineers, and ship meaningful features.

Experience

Self-employed

Full-Stack Developer (DSA Problem Solver & Tracker) | Personal Project
January 2026 - Present (1 month)

Built a DSA practice platform with AI-based hints, structured problem sets, and progress tracking

Designed backend APIs to manage user progress, problem categorization, and AI interactions

Integrated frontend logic with backend services for a seamless learning workflow

Focused on clean architecture, extensibility, and maintainable code

Self-employed
AI Project Developer | Self-Initiated Projects
November 2024 - Present (1 year 3 months)

Designed and developed end-to-end AI-powered web applications, combining machine learning logic with full-stack MERN architecture

Built an AI Healthcare Assistant that processes user symptoms and generates structured, context-aware responses using LLM APIs

Implemented backend APIs, authentication flows, and modular services to support future scalability

Iterated on prompt design and response validation to improve relevance and reduce incorrect outputs

Used Git for version control and followed modular code organisation for maintainability

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Education

Bansal College of Engineering | BGI Mandideep
Bachelor of Technology, Artificial Intelligence · (September 2024 - August 2028)