Priyanshu Bidhuri

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Summary

- Full-Stack Developer skilled in MERN, Next.js, and AI/ML integration. Strong in C++, Python, scalable backend systems, and cloud deployment. Passionate about building real-world, impact-driven applications.

Technical Skills

- **Programming Languages**: C++, Python, JavaScript, TypeScript, HTML5/CSS3
- **Frontend Development**: React.js, Next.js, Redux, Tailwind CSS
- **Backend Development**: Node.js, Express.js, Flask, RESTful APIs
- **Databases**: MongoDB, PostgreSQL
- **Tools & Platforms**: Git, GitHub, Docker, Postman, AWS
- **Core Concepts**: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Machine Learning

Education

- **VIT-Bhopal University** — Bhopal, Madhya Pradesh
  Bachelor of Technology - Computer Science and Engineering (CGPA: 8.5/10) — Aug 2023 – Present

- **Sai International Public School, Bijnor** — Bijnor, Uttar Pradesh
  Class XII (CBSE) - 86% — 2023

Professional Experience

- **Machine Learning Extern** — Remote
  SmartBridge — Summer 2025
  - **Hands-on ML Training**: Implemented regression, decision trees, and neural networks using Google Colab.
  - **Model Optimization**: Developed predictive models achieving 85%+ accuracy on multiple datasets.
  - **Team Collaboration**: Worked in collaborative environment on end-to-end ML pipelines and deployments.

Technical Projects

- **AI Career Coach Platform –Full-Stack AI Web App (Live Demo)** Next.js, React, Tailwind CSS, Prisma, Gemini AI
  Full-Stack AI Web Application — Dec 2025
  - **AI Features**: Built AI-powered resume builder, mock interviews, and cover letter generation using Gemini AI.
  - **Architecture**: Implemented Clerk authentication, Prisma + NeonDB database models, and secure API routes.
  - **Automation**: Automated weekly industry insights with Inngest and visualized trends using Recharts.

- **FarmStackAI – AI-Powered Agricultural Platform (Live Demo)** MERN Stack, Flask, Machine Learning
  Full-Stack AI Integration Project — Feb 2025
  - **Secure Full-Stack Development**: Built MERN web application with JWT/Bcrypt authentication and community forum for farmers.
  - **ML Model Design**: Developed and deployed ensemble ML model (Flask, Scikit-learn, Pandas, NumPy) to recommend crops based on soil & environmental data.
  - **Integration & Scalability**: Integrated ML API with backend to serve 1,000+ user inputs in real-time.
  - **Impact**: Enhanced farming decisions through data-driven insights, reducing trial-and-error and promoting sustainability.

- **NyaySaathi – AI-Powered Legal Document Assistant (Live Demo)** React, FastAPI, Ollama, Google Gemini AI
  Full-Stack AI Application — Oct 2025
  - **Hybrid AI Architecture**: Designed a dual-AI system combining privacy-first local LLMs (Ollama – Llama 3.2) with cloud-based Google Gemini AI for enhanced legal analysis.
  - **Document Intelligence**: Implemented multi-format legal document processing (PDF, DOCX, TXT) with automated text extraction, section detection, and risk keyword highlighting.
  - **Legal AI Features**: Built contract summarization, clause simplification, legal risk analysis, and interactive document Q&A for non-legal users.
  - **Multilingual Accessibility**: Enabled Hindi translation of legal documents to improve accessibility for Indian users and rural communities.
  - **Full-Stack Engineering**: Developed a scalable FastAPI backend and responsive React + TypeScript frontend with real-time AI status monitoring.

Certifications

- Full Stack Development (Udemy) | Operating Systems Fundamentals (Coursera) | Machine Learning with Google Colab (SmartBridge) | Data Structures and Algorithms (Self-Paced) | Git & GitHub Version Control (Hands-on)

Achievements

- Top 10 – Microsoft CodeForge Hackathon 2025 — 300+ DSA problems on LeetCode

Extracurricular Activities

- **Technical Member** — VIT Bhopal
  GeekforGeeks Student Chapter — 2023 – Present
  - Organized coding workshops for 50+ students and conducted DSA sessions.