

DIWAKAR CHAURASIA

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PORTFOLIO

PROFILE SUMMARY

Motivated and fast-learning Computer Science Engineering student with strong foundations in software development, full-stack web development, and AI-powered applications. Proficient in React.js, Next.js, Python, Node.js, and modern development tools. Experienced in building scalable web applications, AI assistants, and real-world software solutions. Passionate about problem-solving, learning emerging technologies, and developing impactful products.

TECHNICAL SKILLS

- **Languages:** Python, SQL, JavaScript, C++
- **Frontend:** React.js, Next.js, Angular, TypeScript, HTML5, CSS3
- **Backend:** Node.js, Express.js, FastAPI, Flask
- **Databases:** MySQL, PostgreSQL
- **Data Analysis:** SQL, Pandas, NumPy, EDA
- **AI/ML:** PyTorch, NLP, Generative AI, RLHF
- **Tools:** Git, GitHub, GitHub Actions, VS Code
- **Concepts:** REST APIs, Agile, OOPs, DBMS, Operating Systems

TECHNICAL PROJECTS

- **Brain Buddy** | Python, FastAPI, PostgreSQL, PyTorch, RLHF
AI Platform, REST APIs, PostgreSQL Database Design, User Authentication
Reinforcement Learning from Human Feedback (RLHF), Personalized Recommendations
- **AI Assistant** | Python, Flask, NLP, React, LLMs
Multi-LLM Integration, Speech Recognition, NLP Processing
Task Automation, Voice Assistant, Conversational AI
- **Smiley Food App** | React.js, Node.js, PostgreSQL
Full-Stack Web Application, Authentication, Role-Based Access Control
REST APIs, Order Management System, Admin Dashboard, Database Management
- **EcoHub** | React.js, Node.js, PostgreSQL
Full-Stack Web Application, REST APIs, Database Design, Responsive UI
Sustainability Platform, User Management, PostgreSQL, Frontend & Backend Development

EDUCATION

B.Tech (Computer Science Engineering)	2023(Present)
Kanpur Institute of Technology, Kanpur (Affiliated AKTU, Lucknow)	
Intermediate	2022
Deoria Sr. Sec School, Deoria (CBSE, New Delhi)	73.8%
Highschool	2020
Kendriya Vidyalaya, Deoria (CBSE, New Delhi)	87.4%

CERTIFICATIONS

- 📜 **Software Engineer Intern Certification – HackerRank**
- 📜 **SQL (Advanced) Certification – HackerRank**
- 📜 **Data Science and Machine Learning – Consulting & Analytics Club, IIT Guwahati**