DIWAKAR CHAURASIA

CONTACT

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📍 Kanpur, Uttar Pradesh

Github Profile

Linkedin Profile

SKILLS

- Programming: C, C++, Python, JavaScript
- Frontend: React, Next.js, Angular, Vite
- Tools: Git, GitHub, VS Code, AI Tools
- Soft Skills: Fast Learner, Problem Solving

CERTIFICATES

- Data Science and Machine Learning
  Consulting & Analytics Club, IIT   GUWAHATI

LANGUAGES

- English (Fluent)
- Hindi (Native)

PROFILE

Motivated and fast-learning B.Tech CSE student with strong foundations in programming, frontend development, and AI-driven productivity workflows. Skilled in React, Next.js, and Python, with hands-on experience building responsive applications and solving real-world problems using modern development tools

PROJECT

1. Brain Buddy — AI-Powered Neuroplasticity Trainer
Python, FastAPI, PyTorch, Next.js, React, PostgreSQL
- Built an AI-driven brain training platform using continual learning to personalize cognitive enhancement experiences.
- Designed privacy-first architecture with on-device processing, RLHF-based personalization, and generative AI (VAE/GAN).

2.AI Assistant (Voice-Enabled Smart Automation System) (In Progress)
Python, Flask, NLP, Speech Recognition, React, WebSockets
- Developed a full-stack AI assistant supporting voice commands, wake-word detection, and multi-LLM integration.
- Implemented system automation, calendar/email integration, multilingual STT/TTS, and secure PIN-based authentication.
- Designed a modular architecture supporting CLI, web, and desktop interfaces with real-time communication

3. Smiley Food App — Full-Stack Food Ordering Platform
React, TypeScript, Node.js, Express, PostgreSQL
- Built a scalable food delivery platform with OTP authentication, real-time order tracking, and multiple payment options.
- Developed an admin dashboard for analytics, order management, inventory control, and role-based access.
- Implemented REST APIs, WebSocket updates, push notifications, and CI/CD using GitHub Actions. pasted

EDUCATION

- **Kanpur Institute of Technology**
  B.Tech – Computer Science & Engineering
  2023 – Present   (Current CGPA: 8.2)
- **Deoria Senior Secondary School (PCM)-2022**
- **Kendriya Vidyalaya, Deoria – 2020**