DHRITI SHARMA

+91 9560214848 ✉ Dhritisharma1601@gmail.com ⓖ Github

Work Experience

Sahore Life Sciences Private Limited   **June 2025 – July 2025**
Front End Developer   *Remote*
- Developed a responsive healthcare platform interface using Next.js 14, TypeScript and Tailwind CSS.
- Built role-based dashboards for patients, admins and lab staff with interactive booking workflows.
- Integrated shadcn/ui components and Recharts for a consistent design system and data visualization.
- Integrated secure JWT-based authentication for user login and data protection

Projects

HandSketch — AI / Computer Vision Project   **Source Code**
- Developed a real-time computer vision system using MediaPipe Hands (CNN-based hand landmark detection model) and OpenCV for gesture recognition and drawing interaction.
- Implemented feature extraction from 21 hand landmarks, applying coordinate transformation, Euclidean distance metrics and rule-based gesture classification.
- Enhanced output stability using signal processing techniques such as moving average filtering and linear interpolation for stroke smoothing.
- Built a real-time vision pipeline involving video frame preprocessing, inference, post-processing and UI rendering, strengthening applied AI/ML fundamentals.

AI Customer Churn Predictor   **Source Code**
- Built an end-to-end ML pipeline for customer churn prediction, including data preprocessing, feature engineering, and supervised model inference.
- Deployed the trained classification model as a REST API using FastAPI, enabling real-time predictions and demonstrating practical ML deployment skills.
- Integrated a Streamlit frontend with backend inference services to create a deployable ML application, covering data input, prediction flow, and result visualization.

Education

Jaypee university of information technology, Solan   **2022 - 2026**
B.Tech (Computer Science & Engineering)

J.N International School, Sarita Vihar, New Delhi   **2021**
CBSE (10+2)

Technical Skills

Languages: C++
Frontend: React, Next.js, TailwindCSS,
Developer Tools: VS Code, GitHub

Honours and Awards

Accelerator Programming Camp   **April 2025 – present**
Batch of 2025   *AlgoUniversity*
- Got selected being in top **1.4% out of 40,000** students who applied, got mentorship under the seniors engineers of Apple, Google, Grab Singapore and Alphagrep Singapore.
- Learned how to build Scalable systems, deployments and gained industry-level work experience.

Technical Movie Photography Club – Design Team Head
- Led the design team from second year, driving creative direction for major college events. Created impactful visual assets including posters, banners, and social media content, enhancing event visibility and student engagement. Ensured visual consistency through close collaboration with team members.

Achievements

- Cleared Flipkart Grid 6.0 – Software Development Track, demonstrating skills in scalable software solutions.

- Advanced to the Internal Round of Smart India Hackathon 2024, contributing to tech innovation at the national level.