KAIVALYA VAIDYA

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EDUCATION

Vellore Institute of Technology — Chennai, Tamil Nadu
B.Tech in Computer Science & Engineering (AI & ML) — *Aug 2023 – Jul 2027 (Expected)*

DAV Centenary Public School — Mandi, Himachal Pradesh
CBSE — Class XII: 84.4% — Class X: 94.6% — *2021 – 2023*

EXPERIENCE

Freelance Graphic Designer & Front-End Developer — Remote
Independent + Open-Source Contributions — *Jun 2023 – Present*

– Designed and deployed responsive web applications and event assets for student organizations and hackathons.
– Advised on UI/UX architecture and accessibility improvements across collaborative projects.
– Built production-ready interfaces using React, HTML/CSS, and Flask; deployed via Vercel.

LEADERSHIP & VOLUNTEERING

Design Lead — Socrates Philosophy Club — Chennai
Creative Direction & Event Operations — *Jun 2025 – Present*

– Directed a design team to produce digital and print collateral for campus events.
– Coordinated event planning, logistics, and cross-team execution for college initiatives.

National Service Scheme (NSS) Volunteer — Chennai
Community Outreach & Camp Volunteer — *Feb 2026*

– Conducted interactive sessions for government school students as part of outreach initiatives.
– Contributed to community cleanliness and service programs during NSS camp activities.

FEATURED PROJECTS

PaintMyPoem (GitHub) — *Python, NLP, Matplotlib* — *Jun 2025 - Aug 2025*

– Built an NLP-based visualization tool that maps stanza-level sentiment to dynamic color outputs.
– Implemented emotion analysis pipeline using NLTK and custom mood classification logic.

Multimodal Political Meme Classification (GitHub) — *PyTorch, CLIP, Tesseract* — *Feb 2026 – Present*

– Built a multimodal meme classifier by fusing CLIP image and OCR-extracted text embeddings.
– Trained an MLP with weighted cross-entropy to handle class imbalance across 4 political categories.

Cooking Assistant (Live) (GitHub) — *Flask, React, Web Speech API* — *May 2025*

– Developed a voice-enabled web application for guided, hands-free recipe navigation.
– Integrated speech recognition with a Flask backend to process structured recipe data.

SKILLS

Languages: Python, C/C++, JavaScript
Frameworks: PyTorch, React, Flask
AI & Data: NumPy, Pandas, Scikit-learn, NLTK, Matplotlib, Transformers
Databases: MongoDB, MySQL
Tools: Git, GitHub, VS Code, Figma, Vercel, Colab
Soft Skills: Communication, Leadership, Creative Writing, Public Speaking
Athletics: Distance Running, Strength Training

CERTIFICATIONS

Responsive Web Design — freeCodeCamp — Network Support & Security — Cisco — Canva for Work — Canva — Creative Design — Canva — Social Media Marketing — eMarketing Institute