

KODI ALEX

Berlin, Germany · +49 179 1751659 · +91 77996 15715 · rockzzalex1@gmail.com
kodialex.com · linkedin.com/in/kodialex · github.com/realstrawhat

PROFILE

UX designer and developer, studying for an M.Sc. in User Experience and Data-Driven Design at SRH University in Berlin. I come from a B.Tech in Artificial Intelligence and Machine Learning, and I take digital products from research and wireframes through front-end development to deployment. I care about interfaces that are intuitive, accessible and fast, and about designing AI features that people can understand and trust.

EDUCATION

SRH University of Applied Sciences Heidelberg, Campus Berlin

Berlin, Germany

M.Sc. User Experience (UX) and Data-Driven Design

Oct 2026 – present

- Programme focus: human-centred design, user research, prototyping, usability engineering, interaction design and data-driven product development.

CMR Technical Campus (CMRTC)

Hyderabad, India

B.Tech, Artificial Intelligence & Machine Learning

2021 – 2025

- CGPA 7.13 / 10. Core coursework: Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Data Structures, Database Systems.

Earlier: Narayana Junior College, Intermediate (MPC), 2019 – 2021 · Dilsukhnagar Public School, SSC, 8.2 GPA.

EXPERIENCE

Freelance Web Designer & Developer, Aadarana Trust

Remote

Design, development and deployment

2024 – present

- Designed, built and deployed the production website for a non-profit on my own, covering UI/UX, front end, back end and hosting.
- Built content pages for projects, donations and organisational transparency, making it easier for donors to follow the trust's work.
- Handled deployment, documentation and handover so the site stays easy to maintain and extend.

Hackathon Team Lead & Developer

Pallavi Engineering College & CMRTC

Competitive projects

2023 – 2024

- Winner, Hack Infinity 2K24 (Pallavi Engineering College): led a team of four that built *Mind Well*, a mood journal with Spotify playlist suggestions and audiobooks, as a mobile app and web version, in twelve hours.
- Winner, CMRTC internal hackathon: built *Tech Revive*, an e-waste facility locator focused on sustainability and public access.
- Owned system architecture, ML feature integration and the final presentations.

SELECTED PROJECTS

Personal portfolio and digital contact card

kodialex.com

- Designed and built my portfolio in plain HTML, CSS and JavaScript: watercolour illustration, hand-drawn type animation, page transitions, an English/German language switch and a contact card people open by scanning a QR code.
- Kept it fast on low-end phones (lite mode, lazy loading, transform-only animation); added SEO and structured data; deployed on Vercel.

Food AI, ingredient identification from food images

2024 – 2025

- B.Tech major project: an end-to-end system that identifies ingredients in a food photo, estimates calories and suggests recipes, using CNN-based multi-label models with preprocessing and augmentation pipelines.
- Rebuilt as a local web app: a Node.js server runs Gemma 3 through Ollama, results show confidence scores and stay editable, and saved scans build a pantry dashboard in the browser (IndexedDB).
- Cut waiting time on CPU-only machines by shortening the prompt, and added a progress panel showing each stage of a scan.

Hate speech classification on social media

2023 – 2024

- B.Tech minor project: classifies posts as hate speech, offensive or neither, comparing five models (Naive Bayes, SVM, Logistic Regression, Decision Tree, SGD) and showing which words influenced each prediction.
- Trained on 19,826 labelled tweets (about 77.6% offensive). Showed that 89.84% accuracy had a 31.3% recall on hate speech, and compared class-weighted Logistic Regression to trade accuracy for recall.

ReCycle, e-waste app

Flutter · Dart

- Rebuilt the Tech Revive hackathon entry in Flutter for Android, iOS, web and desktop: search 16 drop-off points across six cities, book pickups, and earn points shown before you confirm. Runs locally with no login; MIT licensed.

csakura, open source

C · ncurses

- A procedural cherry tree that grows in the terminal, with drifting petals, adjustable palettes and wind, and an interactive web preview.

Smile Always Foundation, charity website

2024 – present

- Designed and built the foundation's website: its programmes, stories from the field and a donation checkout, with a focus on clean UX, accessibility and performance.

ACHIEVEMENTS & CERTIFICATIONS

- Winner, Hack Infinity 2K24 (Pallavi Engineering College), *Mind Well*
- Winner, CMRTC internal hackathon, *Tech Revive*
- Google Cloud Career Readiness, Data Analyst certification
- Workshops: Machine Learning with Python; React Development (college certified)

SKILLS

UX & design: user-centred design, wireframing, prototyping, interaction and motion design, accessibility, Figma, Adobe Photoshop, Premiere Pro, DaVinci Resolve

Front end: HTML, CSS, JavaScript, React, Next.js, Tailwind CSS, Framer Motion, Flutter

AI & data: Python, scikit-learn, PyTorch, TensorFlow, Hugging Face Transformers, OpenCV, Ollama, pandas, NumPy, SQL

Back end & tools: Flask, FastAPI (basic), Supabase, Docker, Git, GitHub, Vercel

Languages: Telugu (native), English (fluent, IELTS 7.0), Hindi (fluent), German (beginner)