ANAS LARI

AI Engineer | Full-Stack Developer | Mobile App Developer | Web Engineer

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PROFESSIONAL SUMMARY

Innovative engineer specializing in AI-driven systems, full-stack and mobile development, and production-ready ML pipelines. Experienced in leading projects end-to-end: concept → design → development → deployment. Strong background in Transformer-based models, computer vision (OCR & face recognition), reinforcement learning, and building scalable web & mobile products. Proven leadership experience as CTO and freelance developer delivering client-facing solutions with a focus on UX, performance, and maintainability.

EDUCATION

B.Tech – Computer Science Engineering (AI & ML) — Bengal Institute of Technology, Kolkata

2024 – Present

Diploma – Computer Science & Engineering — Aligarh Muslim University, Aligarh

2021 – 2024

High School — St. Helen's School, Howrah

2007 – 2021

WORK EXPERIENCE

Chief Technology Officer & Freelance Developer — Elevate Brand 360 — Kolkata (2025)

- Led technical strategy and full-cycle development for multiple web and mobile projects.
- Designed and implemented scalable backend APIs and reusable frontend components.
- Directed UI/UX improvements and managed cross-functional delivery with marketing and design teams.

Intern & Freelance App Developer — Markcos Agency — Howrah (2024)

- Developed mobile and web applications, optimized UX, and integrated backend services.
- Collaborated with designers and backend engineers to deliver client projects on schedule.

TECHNICAL SKILLS

Programming: Python, Java, C, C++, Dart, JavaScript, TypeScript, PHP, SQL

AI / ML: Transformers (GPT/BERT), Deep Learning, Computer Vision (OCR, Face Recog.), Reinforcement Learning, Model Fine-tuning

Frontend: React, Vue, Next.js, HTML5, CSS3, Tailwind, Bootstrap

Backend: FastAPI, Node.js, Express, Laravel, PHP

Mobile: Flutter, Dart, Firebase (Auth, Firestore, Functions)

Databases & DevOps: PostgreSQL, MySQL, Redis, Docker, GitHub Actions, Linux

PROJECTS

MM-HIE — Multimodal Healthcare Intelligence Engine

AI assistant that processes medical PDFs, extracts clinical data via OCR and NER, asks follow-up questions, and surfaces key metrics.

Tech: FastAPI, TensorFlow, LangChain, PostgreSQL, OCR

Face-Verified Personal AI Assistant (Jarvis-Style)

Local assistant with face-unlock, wake-word detection, speech I/O, system automation, and offline LLM responses.

Tech: Python, TensorFlow, OpenCV, SpeechRecognition

Kolkata Tour AI

ML-powered travel recommendation engine generating routes, local insights, and OCR-based place extraction.

Tech: Flask, MySQL, Recommendation Engine

2D Racing Game + RL Bot

Custom racing environment with physics, sensors and an RL agent trained to drive autonomously.

Tech: Pygame, NumPy, Reinforcement Learning

Document Forgery Detection Dataset

OCR-driven dataset and ML pipeline for detecting tampered documents; published on Kaggle.

Tech: OCR, Feature Engineering, Classification

LANGUAGES

English (Fluent), Hindi (Fluent)

STRENGTHS & INTERESTS

Problem-solving • System design • UI/UX thinking • Leadership • Fast learning • AI Agents • Automation • Web UX Design