ADITYA KEVALE

Aspiring developer focused on delivering impactful software solutions through collaboration
Building @aanaa.blog

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Technical Skills

Languages - Python | JavaScript | TypeScript | SQL   **Web Dev -** MERN Stack
Databases – Prisma | MySQL | PostgreSQL

Projects

CredVerify ⚒   **Sep 2024 - Present**
A Decentralized Academic Credential Verification using Blockchain | React JS, Hono, Prisma, PostgreSQL
- Built a blockchain-based platform to **verify academic credentials**, eliminating forgery via **on-chain validation**.
- Integrated **IPFS with smart contracts** to store 1000+ credentials securely and immutably.
- Designed an intuitive **React frontend** and Node.js backend to streamline document upload and verification.
- Achieved **70% faster verification** by replacing manual checks with smart contract logic.

Detectify ⚒   **Jan 2024 - Feb 2024**
Python Project to Detect Pneumonia using Chest X ray | Python, TensorFlow, Keras, OpenCV
- Developed a CNN model to detect pneumonia from X-ray images with 92%+ accuracy.
- Processed and augmented 5,000+ images to enhance model generalization.
- Enabled real-time classification using OpenCV for live X-ray testing.
- Visualized training metrics to fine-tune performance and reduce overfitting.

Musify ⚒   **Jan 2022 - Feb 2023**
An Emotion-Based Music Recommendation System Using AI & DL | Python, Tkinter, CNN, OpenCV, Deep Learning
- Developed an AI-driven system that **detects user emotion from facial expressions** and recommends mood-based songs.
- Trained a **CNN model** on facial emotion datasets, achieving high accuracy in classifying emotions like happy, sad, angry, and neutral.
- Integrated **OpenCV for real-time webcam detection** and **Tkinter GUI** for seamless user interaction.
- Automated music suggestions based on detected emotions, enhancing user experience with personalized recommendations.

Education

Program	Institution	% / CGPA	Year
B. Tech in Computer Science and Engineering	A.G.Patil Institute of Technology, Solapur		2023-26
Diploma in Computer Technology	A.G Patil polytechnic Institute, Solapur	77.26%	2020-23
Class X (ICSE Board)	St. Thomas English Medium School, Solapur	76.4%	2019-20

Profiles

○ github.com/kevaleaditya1

Soft Skills

Communication | Presentation | Teamwork | Problem-solving | Event Management | Critical Thinking

Positions and Responsibilities

Treasurer - CESA Committee, AGPIT Solapur   **Oct 2024 – Nov 2025**
- Led impactful tech & Cultural events, workshops increasing the participation by 40%.
- Managed the Funds required for the events.

Member – Code Club AGPIT, AGPIT Solapur   **Oct 2024 - Present**
- Pioneered strategies and workshops as a member, engaging 100+ students in learning initiatives.
- Coordinated as a Member at Techathon a 24-Hour National Level Hackathon held at AGPIT

Awards and Achievements

- 1st Runner UP at National Level Hackathon Held at VVCE, Mysore (SYMBIoT).
- Got Selected at Internal Hackathon of Smart India Hackathon.
- Won first Prize at Science Day Competition at AGPIT.
- Won 3rd Prize at Project Competition Organized by MSBTE at Anantrao Pawar College of Engineering, Pune.