Karthikesh

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EDUCATION

Kalaignarkarunanidhi Institute of Technology, India   2024 – 2028
B.E. Computer Science in AI & ML , 2nd year   Current **CGPA: 8.54/10.0**
Coursework: Computer Architecture, Computer Networks, Artificial Intelligence and Foundations

PROJECTS

Deepfake Detection System| Python, CustomTkinter(GUI), Image-classification models.

- Developed a deepfake detection model using combined CNN architectures **(Xception + ResNet).**
- Implemented preprocessing and training pipelines to detect synthetic images displayed through **GUI**
- Increased **accuracy** through optimized dataset selection and model tuning.

Portfolio | HTML, CSS, JavaScript, GitHub Pages (YET TO BE PUBLISHED)

- Developed a **fully responsive** portfolio website to present academic achievements and personal projects.
- Built **reusable UI** components to maintain structure, readability, and scalability.
- Hosted the website publicly on **GitHub Pages** for global access and version tracking.

TECHNICAL SKILLS

C	Github	Power BI
C++	React.js	VS Code
Java	DSA	
Python	OOPS	

CERTIFICATIONS & COURSES

Maiyyam - Full Stack Development Traineeship

Coursera - Get started with python

Coursera - How Google Does Machine Learning

Cisco Networking Academy – Python Essentials 1&2, Introduction to Cyber Security

Salesforce Trailhead - Agentblazer Champion

COMPETITIVE PROGRAMMING

Leetcode: Max rating - **1468** | Solved problems: **114+** | Badges: **2** | Streak: **100+**days

Codeforces: Max rating - **887**

Codechef: Max rating - **1099** | Position: **1 Star** (Div4) | Problems: **500** | Badges: **5** | Streak: **200+**days

Codolio: Solved problems: **634** | Active Days: **219** | C Score: **647.58** | TUF Problems solved: **5**

ACHIEVEMENTS

- Participated in **multiple hackathons**, building working prototypes under real problem statements.
- Solved **500+** problems on CodeChef and **100+** on LeetCode, improving algorithmic and analytical skills