

SAI KALYAN KASTHALA

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EDUCATION:

Master's in Computer Technology

Eastern Illinois University, Charleston, IL

GPA: 3.40/4.0

Jan 2025 – May 2026

Bachelor of Engineering in Computer Science

Geethanjali College of Engineering and Technology, Hyderabad, India

GPA: 6.03/10

Aug 2018 – Apr 2023

TECHNICAL SKILLS:

Programming & Scripting: Python (Advanced), Java, C, C++, PHP, JavaScript (Node.js)

Web Development & Frameworks: HTML5, CSS3, React.js, Node.js, Express.js, Bootstrap, jQuery, EJS, RESTful APIs

Databases: MySQL, PostgreSQL, MongoDB

AI/ML & Data Science: PyTorch, TensorFlow, RAPIDS, BioNeMo, AI Workbench, Transfer Learning, Prompt Engineering, NLP, Triton Inference Server, Supervised & Unsupervised Learning, Model Evaluation, Data Pre-processing, Time Series Analysis

Game Development: Unreal Engine 5, Blueprint Visual Scripting, C++, 3D Modelling Tools, Game Design

Cloud, Deployment & Tools: Git, GitHub, Heroku

Cybersecurity: Ethical Hacking Fundamentals, Network Attacks, Security Scanning Tools

Other Skills: Automation Testing, Performance Optimization, OOP, File Handling, Debugging

PROJECT EXPERIENCE:

| **Deep-fake Face Detection using 2D Convnets** |

GitHub: <https://github.com/KSaiKalyan26/Deep-Fake-face-detection>

- Developed a real-time deep-fake detection system using 2D Convolutional Neural Networks (CNN).
- Utilized AI and ML techniques for frame-by-frame video analysis to detect manipulated media.
- Trained on 10,000 examples; tested with real-world scenarios.
- Role: Testing & Documentation — collected datasets, executed test cases, maintained detailed records.

| **College Fest Platform** |

- Collaborated on developing a web portal to manage college events and fests.
- Built user-friendly interfaces for registrations and updates using HTML and Python.
- Role: UI Design & Testing — designed portal structure and performed comprehensive functionality checks.

CERTIFICATIONS:

[NVIDIA Certified Associate - Generative AI LLMs \(NCA-GENL\)](#)

Udemy - May 2024

[The Complete Web Development Bootcamp](#)

Udemy - March 2024

[Complete Python Developer: Zero to Mastery](#)

Udemy - April 2024

[Machine Learning for Absolute Beginners](#)

Alison - April 2024

[Unreal Engine 5 for Beginners](#)

Udemy - April 2024

[Python for Beginners](#)

Alison - Dec 2023

[Ethical Hacking for Beginners](#)

Alison - Dec 2021