

SAIGANESH PONDHURU

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EDUCATION

B.Tech Artificial Intelligence and Data Science

Chennai Institute of Technology, Chennai, Tamil Nadu

CGPA : 8.89

Sep 2020 - Jun 2024

Coursework Data Analytics, Machine Learning, Algorithms, Databases, Networking, Operating Systems.

SKILLS

Languages

Python, Java, SQL, JavaScript, HTML, CSS

Frameworks & Databases

Angular, Flask, MySQL, MongoDB, PostgreSQL, Spark.

Developer Tools

Git, Unix/Linux, Amazon Web Services, Azure, Jupyter Notebook, Node.js

INTERNSHIP EXPERIENCE

Marketers and Marketics

Sept 2022 – Aug 2023

AI Intern

Chennai, India

- Implemented data pre-processing pipelines using ML algorithms to improve model performance.
- Collaborated with a team of AI developers to design and deploy an AI solution for project goal.

PROJECTS

LLM Application – Python, StreamLit

- Utilized Gemini Pro's ability to process natural language and produce high-quality text to assist users in various tasks like writing emails, articles, or summaries based on their descriptions.
- Designed and implemented a user-friendly StreamLit interface for intuitive interaction.

FaceScan Security – Flask, Python, Opencv, MongoDB.

- The system utilizes facial recognition technology to authenticate users. Users need to register their faces beforehand to be granted access.
- Upon detecting an unauthorized login attempt, the system triggers a notification to the user's registered phone. This alert serves as a security measure, allowing the user to take action if necessary.

PC automation using hand gestures – Python, HTML, CSS, javascript, Machine Learning, Flask, OpenCV, SQL.

- Created a Computer Vision based web app to automate the shortcut keys, cursor controls and repeated actions used in our daily life using just the hand gestures.
- Leveraged data-driven insights to optimize various aspects of the system, such as gesture recognition accuracy, response time, and user experience. This involved analyzing user interaction data and iteratively refining the system based on observed patterns and user preferences.
- One of the winning projects of **Smart India Hackathon 2022**.

ACHIEVEMENTS

- Hack@CIT 2022 – Winner
- Smart India Hackathon 2022 Winner
- Cognizant Prodigy Hackathon 2023- Finalist
- Rank 73 in competitive programming conducted by Coding Ninjas.
- Conducted Workshops on DataScience.

CERTIFICATIONS

• COURSERA - Machine Learning Pipelines with Azure ML Studio	• Programming Essentials in Python (PCAP) - Cisco Netacad
• UDEMY Data Structures and Algorithms in java	• Cybersecurity Essentials - Cisco
	• Networking Essentials - Cisco

EXTRA-CURRICULAR ACTIVITIES

- **Machine Learning Teaching Assistant**, ML Bootcamp conducted by Arjya basu (Data scientist) for B.Tech 1st and 2nd year students.