Syed Ayan

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Education

Amrita Vishwa Vidyapeetham, Chennai campus   Oct 2022 – Apr 2026
BTech in Computer Science and Engineering with Specialization in AI
CGPA: 8.68

Sri Chaitanya Junior Kalasala, Hyderabad – Intermediate in MPC   Jun 2019 – Apr 2021
Percentage: 97.6%

GMR Chinmaya Vidyalaya – Class 10, **Grade: 92.2%**   March 2019

Skills

Python, HTML, CSS, Flask, Django, Jupyter Notebook, MySQL, Machine Learning, Deep Learning, Natural Language Processing

Projects

CodeProctor | *Python, Threading, LLM, Flask*   2025

- Built and deployed CodeProctor, an advanced and secure coding platform to automate coding exams using Python, Flask, and **CodeBERT**, replacing manual evaluation processes.
- Integrated intelligent question assignment, real-time test case evaluation, and advanced plagiarism detection using CodeBERT.
- The System is currently at deployment stage in the University, impacting over 3000 students by streamlining assessments, providing real time result and reports.

AI Plagiarism Detector | *Machine Learning, Python, HTML, CSS, NLP*   2024

- Fine-tuned BERT with HMM to classify AI vs. human-written text, achieving 99.21% accuracy on 24,000 samples with a 20% training accuracy boost.
- Built and Deployed full-stack web application, using Flask, HTML and CSS allowing users to upload text or PDF files for analysis.
- Implemented a feature to generate downloadable PDF reports highlighting AI-generated text in red with percentage of AI text.

Advanced Task Scheduler | *Python, APScheduler*   2023

- Developed an intelligent task scheduler in Python using APScheduler and email alerts, to boost focus and schedule adherence.
- Enhanced productivity by over 50% by providing real-time notifications and email reminders.
- Automated system to analyze deep work patterns from CSV logs and deliver actionable productivity insights via user-friendly notifications.

Publications

A Robust Approach for Road Traffic Prediction Using Markov Model   Nov 2023
Syed Ayan   *[IEEE Xplore]*

Achievements and Certificates

- Completed the course *Data Structures and Algorithms* on **Udemy**.   Jan 2025
- Completed **Introduction to Programming with Python** by **CS50, Harvard University**. Aug 2024
- Achieved **2nd place** in **Hactivate Hackathon** conducted by Amrita Vishwa Vidyapeetham. Oct 2023
- Achieved **3rd place** in **UL-timate Hackathon** conducted by Cognizance Club of Amrita. Aug 2022