

SIDDHESH AGARWAL

Software Development Engineer

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[HackerRank](#) | [Portfolio](#) | [GitHub](#) | [Linkedin](#) | [Blog](#)

EDUCATION

Sri Krishna College of Engineering and Technology
Computer Science Bachelor of Engineering

Coimbatore, India
Nov 2021 - May 2025

EXPERIENCE

HyperVerge | Data Engineer Intern

Bengaluru | July 2024 - Present

- **Prepared and fine-tuned multiple LLMs** for both specific and general use cases by **extracting, cleaning, and structuring data**, supporting enhanced model performance and reliability.
- **Developed a GPT-based error-tagging pipeline**, automating the process to reduce tagging time by 97%, improving operational efficiency.

SKCET | Full Stack Developer

Coimbatore | Mar 2023 - Jan 2024

- **Built a User Portal** with features including a **Lab Inventory Management System** and **ID-based attendance** using **PHP, Laravel, and Blade**, improving tracking precision.
- **Created an Admin Portal** with **bill management and PDF reporting** functionality using **Python and Streamlit**, streamlining billing processes and reporting workflows.

SKILLS

Programming Languages: Python, JavaScript, TypeScript, C, C++, PHP, Bash
Libraries/Frameworks: Django, Flask, FastAPI, Langchain, LlamaIndex, React.js, Next.js, React native, Laravel, Express.js, HuggingFace, Scikit-Learn
Tools / Platforms: Git, Docker, Linux, Firebase, AWS, Azure, Cloudflare
Databases: PostgreSQL, MySQL, Redis, MongoDB, ElasticSearch

PROJECTS / OPEN-SOURCE

Newsful | [Link](#)

FastAPI, MongoDB, OpenAI, HTML/CSS/JS

An Advanced fake news detection system leveraging LLM-based AI Agents packaged as a browser extension.

matmath | [Link](#)

Python

A simple and efficient Python library for handling matrices and vectors natively in Python.

uploadid | [Link](#)

TypeScript, CSS, JavaScript

A web app for colleges/universities to track Faculty participation and achievements.

Pomo.do | [Link](#)

JavaScript, CSS, HTML

Pomodoro timer built with React - A fully functional clone of pomofocus.io

CERTIFICATIONS

- Backend Development and APIs course and Python courses - **FreeCodeCamp**
- Data Science and Artificial Intelligence - **Kaggle**
- AWS Certifications - **Coursera**
- Python, CSS, JS and SQL - **HackerRank**

HONORS & AWARDS

- Won the 1st prize (Rs. 1,00,000) in the Kavach 2023 Hackathon conducted by Ministry of Home Affairs for the problem statement "Advanced Fake News Detection"