SIDDHESH AGARWAL

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ABOUT

I am Siddhesh Agarwal, a 3rd-year CSE Student studying at SKCET, Coimbatore. I am a self-taught Full-Stack Developer with a keen interest in Machine Learning and Cyber Security. I have been writing code for approximately 5 years. I'm passionate about creating solutions that are efficient, secure and user-friendly.

EDUCATION

Sri Krishna College of Engineering and Technology, Coimbatore — May 2025
B.E. Computer Science — *Current CGPA: 7.8*
PSBB Sr. Sec. School, Chennai — June 2021
Pre-KG to 12th — *12th: 95.4%*

SKILLS

Languages	: Python, C, C++, JavaScript, TypeScript, HTML, CSS, PHP, Java, Haskell
Frameworks	: Django, Flask, FastAPI, React.js, Next.js, Laravel, Spring Boot
Libraries	: NumPy, Pandas, Seaborn, OpenCV, TailwindCSS, ShadCN
Databases	: MySQL, PostgreSQL, SQLite, MongoDB, Redis
Tools	: Git, GitHub, Bash, Powershell, VS Code, Docker, AWS, Firebase, Vite.js

PROJECTS

Newsful | *Python, FastAPI, LangChain, MongoDB, HTML, Bootstrap, JavaScript* — July - Aug 2023
- Developed an Advanced Fake News Detection System in the form of a browser extension.
- The Backend was made by connecting GPT-3 to Google search using Langchain for scrapping and summarizing the result which is then compared with the given news based on polarity.

ChainHive | *JavaScript, React.js, Solidity, Hardhat, Python, FastAPI, SQLite, Scikit-Learn* — Jan - Feb 2023
- Developed a full-stack web application for managing supply chain.
- Combined Blockchain and Machine Learning for creating a complete solution

Lab Management System | *PHP, Laravel, Blade, Python, Streamlit, SQLite* — May 2023 - Jan 2024
- Developed a Lab Management System for SKCET.
- Allots systems to students and helps lab manage their inventory.
- Wrote the backend API using Laravel and made the report generation system.

CERTIFICATIONS

Kaggle 🔗
Completed 16 Certifications based on Python, Data Science, Machine Learning and Database.

FreeCodeCamp 🔗
Completed courses on College Algebra, Scientific Computing, Data Analysis and Back-end Development.

Coursera 🔗
Completed courses related to Data Science and Amazon Web Services.

HackerRank 🔗
Completed HackerRank Certifications from Python, CSS, JavaScript and SQL.

ACHIEVEMENTS

Kavach 2023 - by MoH, I4C, MHRD and CBSE — Aug. 2023
Won a Prize of Rs. 1,00,000 for the problem Statement Advanced Fake News Detection.

PoweringSTEMHacks 2023 - by PoweringSTEM — Jan. 2023
Won a Prize of $200 for making a Skin Cancer detection and classification tool.