

Saiganesh V

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EDUCATION

Sri Sairam Engineering College

Bachelor of Information Technology - CGPA: 9.1 (till SEM7)

Chennai, Tamil Nadu, India

2021 — 2025

SKILLS

Languages: Python, C, Java, HTML/CSS, JavaScript, SQL, R, Solidity

Tools: GitHub, VS Code, Figma, Wireshark, nmap

Libraries: NumPy, pandas, matplotlib, web3

CourseWorks: DSA, DBMS, Machine Learning, Computer Networks, OS

Operating Systems: Windows, Linux (Kali, Ubuntu), VMware Workstation

EXPERIENCE

Machine Learning Intern

Spiro Prime Tech Services

May 2024 – June 2024

Chennai, Tamil Nadu, India

- Developed a financial forecasting and fraud detection system using the **AGLT model**, which combines ARIMA, GARCH, LSTM, and Transformer.
- Implemented classifiers including CatBoost, XGBoost, and Logistic Regression for anomaly detection.
- Achieved a **20%** improvement in prediction accuracy and a 15% reduction in false positives.

PROJECTS/PUBLICATIONS

Prevention Of DDoS Using Blockchain | *Polygon, ML, Solidity, Web3.js, Nmap*

- Developed a decentralized DDoS prevention system using blockchain, smart contracts, and machine learning for real-time threat detection, mitigation, and collaborative defense, enhancing security and scalability.
- Published in **IEEE**.

Propchain - Decentralized Management System | *Ethereum, Solidity, IPFS, Web3.js, Django*

- Developed a blockchain property registration system using Smart Contracts, NFTs, Django, and web3.py for enhanced security and transparency.
- Published on **Lecture Notes in Networks and Systems**.

Armour eVault | *React, IPFS*

- Developed a decentralized communication platform using React and IPFS for secure file storage, addressing data security, compliance, and collaboration needs through a blockchain-based approach.

ACHIEVEMENTS

Best Student Award: Awarded by the IEI Students Chapter at Adhiyamaan College of Engineering

1st Place: Infoculture Fiesta - 6-Hour Hackathon

3rd Place: Coding Contest at St. Joseph College of Engineering

Project Expo: Finalist at IEEE INFINITY 2.0 at Kongu Engineering College

Volunteering: Student Organizer and Coordinator for Standard Utsav'24 BIS Club and Standardopedia

Coding Contests: Participated in Starlight Coding, OSPC, SourceCode at ABACUS'24

Capture The Flag: Participated in CTFs by PALS, Yukti (TN Police), AMUHACKS 3.0

CERTIFICATIONS

NPTEL: Cloud Computing, Introduction to Database Systems, Big Data Computing

IBM: Introduction to for Data Science

Cisco Networking Academy: Introduction to Cybersecurity, CCNA modules 1,2,3