Sulfa Saji
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Education

• **Saintgits College of Engineering(Autonomous)**	Kottayam,Kerala
B.Tech in Computer Science; CGPA: 8.71(S4)	*August, 2023 – May. 2027*
• **St Joseph's GHSS(State Board)**	Kottayam,Kerala
Class XII;99.08%	*June,2021- March,2023*
• **Mary Rani Public School & Junior College(CBSE)**	Kottayam,Kerala
Class X;97%	*June 2020-March 2021*

Experience

IIIT Hyderabad – College Research Affiliate Program Hyderabad,India(Remote)
Research Intern *November,2025-Present*
- Pursuing a 1-month research internship focused on **Speech Analysis** under IIIT Hyderabad's College Research Affiliate Program.
- Learning foundational and applied concepts through structured modules, quizzes, and live guided sessions.
- Working on a domain-specific mini-project involving speech analytics techniques and hands-on experimentation.
- Engaging with IIIT-H faculty and research teams for academic support, discussions, and research exposure.

Intel Unnati Industrial Training 2025 Remote
Industrial Trainee *May 20, 2025 – July 12, 2025*
- Completed the Intel Unnati Industrial Training program with a focus on applying AI/ML concepts to networking.
- Developed a machine-learning project (Net-Sentinel) as the final training outcome, applying data preprocessing, model development, and evaluation workflows.
- Engaged in structured learning modules and guided technical tasks under academic and industry mentorship.

Ablefolks Education USA Inc. Calicut,Kerala(Remote)
Cyber Security Intern *June 16, 2025 – June 21, 2025*
- Completed a 5-day virtual internship covering cybersecurity fundamentals and penetration testing concepts.
- Participated in guided activities focused on security assessment, vulnerability understanding, and practical exposure to core security practices.
- Gained introductory hands-on experience in cybersecurity workflows through supervised tasks and training sessions.

Projects

Native-Language Identification | Python, PyTorch, Speech Embeddings *November,2025*
- Involved in a machine learning project aimed at identifying the native language of Indian English speakers from speech data.
- Worked on feature engineering, model evaluation, and comparing different speech embedding techniques.
- *Github*: https://github.com/Navomy2020/Native_language_identification_of_Indian_English_Speakers.git

PlanIt | React, Tailwind CSS, Node.js, Express, PostgreSQL   *October,2025*
- Contributed to a full-stack event management system with features for event registration, attendance tracking, and automated certificate generation.
- Involved in front-end and back-end development tasks.
- *Github*: https://github.com/rishikesh-babu/PlanIt.git

Net-Sentinel | Python, Streamlit, Scikit-Learn   *July,2025*
- Involved in a machine learning project that developed a Network Intrusion Detection System (NIDS) to classify network traffic.
- Worked on data preprocessing, model training, and integrating a Streamlit interface for analyzing offline logs.
- *Github*: https://github.com/SulfaSaji/net-sentinel.git

Technical Skills

- **Languages**: HTML, CSS, C, Java, Python(basics)
- **Databases**: SQL
- **Tools / Platforms**: GitHub, Excel

Leadership/Extracurricular

President
Saintgits Blockchain Club   *October 2025 – Present*
- Leading club activities, workshops, and events.
- Managing members and ensuring smooth execution.

Project Design Coordinator
SWAG - Saintgits Web & App Group   *October 2025 – Present*
- Coordinating design workflows.
- Assisting in team organization and progress tracking.

Member
IEEE   *March 2025 – Present*
- Participating in events and workshops.
- Engaging with student branches to stay updated with industry trends.

Participant – Lumino 2025 Hackathon
ACM Saintgits   *March 2025*
- Participated in a 24-hour national-level hackathon.
- Contributed to developing a frontend event management website with a team during the 24-hour hackathon.

Certifications/Courses

- Minor in Artificial Intelligence for IoT (Pursuing – part of college curriculum)
- Honors in Blockchain Technologies (Pursuing – part of college curriculum)
- Excel Basics for Data Analysis – Coursera
- Introduction to DevOps – Coursera