AFRITH.S

afriths874@gmail.com │ 6374882260 │ Hosur, Tamil Nadu │ Portfolio │ LinkedIn │ Github

PROFILE

Associate Software Engineer (Data Science Engineering) at iELEKTRON Technologies contributing to data-driven solutions and workflow optimization. Experienced in building scalable web and mobile applications, API integrations, and delivering user-friendly solutions. Passionate about building efficient digital products and always eager to learn new technologies.

WORK EXPERIENCE

iELEKTRON Technologies - Associate Software Engineer   **Aug 2025 - Current**

- Implementing an employee management system with project tracking capability using React based frontend with TypeScript that integrates with a Supabase backend

SUN TV Network - App Developer Intern   **Jan 2025 - May 2025**

- Developed an On-Duty HRMS mobile application using Flutter (Frontend) and Django (Backend).
- Implemented on-duty workforce monitoring by geo-tagging employee activities with precise location and timestamps at each duty/program stage along with inbuilt map feature.
- Conducted rigorous testing for edge cases (offline use, GPS off, forced stop) and implemented fallback logic for reliable app behavior.

LRDE-DRDO - Summer Intern   **May 2024 - July 2024**

- Designed and optimized X-band Coaxial Groove Gap Waveguide Power Dividers using HFSS.
- Focused on the design, simulation, and optimization of high-frequency waveguide components critical for radar technology.

EMERTXE - Intern   **March 2023 - May 2023**

- IoT Based Home Automation Solution using Arduino UNO, PICSimLab, Blynk IoT.
- Simulated a home automation system controlling LEDs, temperature sensors, and water tanks to resemble garden lights, heaters, coolers, and water tanks in real time.

SKILLS

- Python, C Programming
- HTML, CSS, BOOTSTRAP
- Django, REST APIs
- App Development - Flutter
- PostgreSQL, MS SQL
- ORM
- TYPESCRIPT
- REACT
- JAVASCRIPT

EDUCATION

B.Tech in Electronics and Communication Engineering - CGPA : 9.0   **2021 - 2025**
Indian Institute of Information Technology, Tiruchirappalli

XII (Senior Secondary) - 95.4%   **2020 - 2021**
Asian Christian High School, Hosur

X (Secondary) - 95.6%   **2018 - 2019**
Asian Christian High School, Hosur

LEADERSHIP ROLES

- School Captain - 12th Grade
- IoT Club Coordinator - UG

INTERESTS: Drawing, Photography

LANGUAGES: English, Tamil