SAIF

Software Developer

Portfolio saifalam88777@gmail.com 7061274610

SUMMARY

Results-driven Software Developer with a background in Electronics and Communication Engineering. Skilled in Java, Spring Boot, ReactJS, and MySQL with 5+ full-stack and IoT projects. Improved system efficiency by up to 40% through automation solutions. Delivered expert lectures to 100+ students and won multiple national-level tech competitions. Seeking to build impactful, scalable software solutions.

PROFESSIONAL EXPERIENCE

Astomverse, *Frontend Developer Intern* 28/10/24 – 28/11/24
Developed responsive web pages using HTML, CSS, JavaScript. Converted Figma designs into clean UI. Collaborated on GitHub and integrated APIs.

RKDF University, Shri Satya Sai College of Engineering, 13/05/25 – 14/05/25
Bhopal, *Guest Lecturer – Drone Technology*
Delivered an expert lecture on Drone Technology at RKDF University to an audience of 100+ engineering students. The session covered UAV architecture, core components, flight dynamics, real-world applications, and technical insights into drone systems, aiming to bridge academic knowledge with industry relevance.

Prestige Institute of Management and Research, 23/06/25 – 23/06/25
Bhopal, *Guest Lecturer – Scrolling LED Display Systems*
Delivered a guest lecture at Prestige Institute of Management and Research, Bhopal on Scrolling LED Display Systems using P10 LED modules and the W02 controller. Covered practical implementation, controller interfacing, real-time data handling, and display design principles, engaging electronics and embedded systems students.

SKILLS

Programming Languages
Java, C++, JavaScript, HTML, CSS

Frameworks
Springboot, React.Js, Node.Js, Express.Js

Technologies & Concept
Data Structures and Algorithms (DSA), Internet of Things (IoT), Embedded Systems, RESTful APIs, MVC Architecture

Databases
SQL, MySQL, DBMS

Tools
Git, GitHub

Soft Skills
Effective Communication, Leadership, Public Speaking, Discussions,

Innovation & Entrepreneurial Mindset.

PROJECTS

VerSaif, *Men's Premium Fashion Website*

- Developed a stylish, responsive website for a premium menswear brand with a video background, animated text effects, and smooth UI transitions. Showcased product collections with dynamic layouts and modern CSS animations for an elegant user experience.

Smart Energy Meter, *Industry-Grade Smart Meter with IoT Automation and Overload Alerts*

- Built a smart 3-phase energy meter using ESP8266, ATmega32, CT/PT sensors, GSM module, and LCD to monitor real-time power usage, detect overloads, and send alerts remotely. Enabled IoT-based automation with wireless data transmission and instant buzzer notifications for enhanced safety and efficiency.

Spy Surveillance Robot, *Real-Time Spy Surveillance Robot with Wireless Camera and Remote Control*

- Designed a wireless spy surveillance robot equipped with a real-time video streaming camera, controlled via Bluetooth (HC-05) and powered by a custom-built motor driver (L293D). Enabled remote navigation and live monitoring using a mobile interface. Ideal for security, rescue, and military applications, the robot features a compact, 3D-printed frame, four geared motors, and a stable communication setup for efficient field use.

Industrial Temperature Monitoring System,
Embedded Temperature Monitoring System for Industrial Power Applications

- Designed and developed an industrial temperature monitoring system using high-accuracy thermal sensors, signal conditioning, and a microcontroller (ATmega/ESP). Enabled real-time temperature tracking with threshold-based alerts for critical components in power distribution systems, improving safety, reducing downtime, and supporting predictive maintenance.

AWARDS

Winner - National Project Expo, *All Saints group of colleges*

- Secured 1st position for developing an embedded industrial temperature monitoring system using microcontroller-based architecture and high-precision thermal sensors for real-time fault detection in power distribution systems.

2nd Runner-Up – Savishkar National-Level Project Competition, *MPCST*

- Recognized for developing a Smart Energy Meter using ESP8266, ATmega32, CT/PT sensors, and GSM module, enabling real-time power monitoring, remote alerts, and overload protection for 3-phase systems.

1st Runner-Up – Inter-College Project Competition, *LNCT group of colleges*

- Awarded for developing an Industrial Temperature Monitoring System using microcontroller-based design and thermal sensors for real-time fault detection in power distribution environments.

CERTIFICATES

Web Development Workshop — MANIT | **Entrepreneurship Foundations** — LinkedIn Learning | **SQL** — Udemy | **DSA Workshop** — ISTE SC, MANIT | **Embedded Systems** — Indeyes Technologies

LANGUAGES

- Hindi (Native)
- English (Fluent)