ARSH UDDIN

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OBJECTIVE

To obtain a challenging position in the field of Information Technology where I can apply my skills in full-stack development, embedded systems, and AI-driven solutions, while contributing to impactful projects and gaining hands-on industry experience.

EXPERIENCE

Founder – Tallow & Shine (Startup Idea)

Presented under IVIRI Startup Funding Scheme, 2025

Developed a sustainable wellness brand concept focused on traditional products like tallow candles, balm, and herbal oil using natural ingredients.

- o Concept included eco-friendly production methods

- o Emphasized rural employment and health-conscious lifestyle

- o Shortlisted for presentation under institutional startup funding initiative (IVIRI)

Editorial Board Member

Department of Information Technology, SRMS, Bareilly

Contributed to the monthly departmental magazine by writing, editing, and organizing articles and technical content. Improved communication and teamwork skills through regular collaboration.

Project Lead – LoRa Mesh Communication System

Hackathon Project, June 2025

Designed and developed a disaster communication solution using LoRa technology enabling offline messaging and GPS sharing.

- Filed a patent for the project in June 2025

- Won First Consolation Prize at SRMS Hackathon 3.0

- First Prize in Tech Gallery Presentation

- Best Innovation Team in GIH 2025

Innovation Ambassador – Institution's Innovation Council (IIC), Ministry of Education, Govt. of India (2025 – Present)

Conducting awareness sessions and mentoring peers on innovation & entrepreneurship.

Facilitating idea validation, project development, and participation in national-level innovation programs.

EDUCATION

- High School (2020) – *St. Francis Convent School*

- Intermediate (2023) – *Woodrow School*, Science Stream

- Bachelor of Technology (B. Tech) in Information Technology – *SRMS, Bareilly* (Pursuing)

ACHIEVEMENTS

Won the Best Innovation Team Award (₹10,000) in the first round of GIH from over 300 teams, reaching the top 5. Our LoRa Mesh offline communication system was selected under the Open Innovation theme for its real-world impact.

Won First Prize (₹2000) in the Tech Gallery for presenting LoRa Mesh, an offline communication system using LoRa technology. The project enables messaging and GPS sharing during network failures, earning recognition for its innovative approach in disaster management scenarios.

Won the First Consolation Prize (₹5000) at SRMS CET's 36-hour Hackathon 3.0 for developing LoRa Mesh, a disaster management device enabling offline communication and GPS sharing using LoRa technology during internet or mobile network failure in emergencies.

Selected after presenting at AKTU for the Creathon, we advanced to the 24-hour Hackathon at Bharat Shiksha Expo, Noida, under the Open Innovation theme. Our LoRa Mesh idea won 2nd Prize, earning medals and valuable industry connections.

PROJECTS

1.A wearable device that monitors heart rate and automatically performs CPR during cardiac emergencies.

2.Health Guru is a smart healthcare platform that lets patients book appointments and track their live queue number, doctor availability, and real-time updates—reducing long waits and improving comfort, convenience, and transparency for both patients and doctors.

3.A decentralized communication device for disaster scenarios, enabling messaging without internet.

4. An online system that enables users to search, view, and book banquet halls with real-time availability

5.A startup initiative creating natural tallow-based beauty products like candles, balms, and oil.

PATENT

LoRa Mesh Communication System for Disaster Management – *Filed in June 2025*
A decentralized communication system enabling offline messaging and GPS sharing during network outages using LoRa technology.

POSITIONS OF RESPONSIBILITY

- Member, Editorial Board, IT Department Monthly Magazine – SRMS
  2024 – Present

- Involved in content planning, article review, and publication of the department's monthly technical and creative magazine.

- Innovation Ambassador – Institution's Innovation Council (IIC), Ministry of Education, Govt. of India (2025 – Present)

- Selected as Innovation Ambassador to mentor and promote innovation, entrepreneurship, and startup culture among students through workshops, events, and project guidance.

SKILLS

C, Python, Web developer, SQL, Java, Editing, Node.js, MongoDB, Entrepreneurship, Inventor