

# Syed Ausaf Ahmad

Python Developer | Web Developer | Data Analyst

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Portfolio: [Portfolio](#) LinkedIn: [LinkedIn](#) GitHub: [GitHub](#) GeeksforGeeks: [GeeksforGeeks](#)

## PROFESSIONAL SUMMARY

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Electronics and Communication Engineering major with hands-on experience in **Python development**, **Data Analysis**, and **Web Development**. Proficient in building data-driven applications, performing data analysis and visualisation, and developing responsive web solutions. Demonstrated ability to work with real-world datasets, develop full-stack applications, and contribute effectively as both a team member and a self-driven problem solver in technology-focused environments.

## SKILLS

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- **Languages:** C, Python, JavaScript
- **Web Development and Frameworks:** HTML, CSS, React.Js, Flask
- **Database:** MySQL
- **Data Analysis Visualization:** Excel, Pandas, Tableau, Power BI
- **Cloud Platforms:** Microsoft Azure, Firebase
- **Tools:** Git, Vs Code
- **Coursework:** Data Structures and Algorithms
- **Other:** IoT, Firebase, OpenCV, Agile Methodologies
- **Languages Spoken:** English, Hindi, Urdu

## EDUCATION

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**B.Tech in Electronics and Communication Engineering** *Expected 2026*

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai

**International MBA Exchange Program (IMBA, Taiwan)** *2025 Ongoing*

Pursuing courses in **Information Management**, **Marketing**, and core business subjects for international experience.

**12th Grade** *2020*

Woodbine Modern School, Darbhanga, Bihar  
Central Board of Secondary Education

**10th Grade** *2018*

Mahatma Gandhi Shikshan Sansthan, Darbhanga, Bihar  
Central Board of Secondary Education

## PROJECTS

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**Omnifood Website (HTML5, CSS3, JavaScript)**

- Built a fully responsive food delivery website from scratch, featuring smooth animations, mobile-first design, and interactive elements to showcase modern frontend development skills.
- Deployed live version and open-sourced the project for community feedback and collaboration.
- **Links:** [Live Demo](#) | [GitHub Repository](#)

**Face Recognition System (LBPH, Machine Learning, Deep Convolutional Networks)**

- Designed and developed a facial recognition system to enhance women's safety by detecting facial expressions through public surveillance cameras.

- Implemented intelligent threat detection to alert local authorities, ensuring safe passages for women in remote areas during both day and night.

#### **Automatic Waste Segregation Management (Python, AWS)**

- Designed a microcontroller-based system for real-time waste segregation using infrared and ultrasonic sensors.
- Implemented a machine learning model for waste classification via image processing with OpenCV.
- Integrated IoT monitoring for remote data tracking and performance analysis on cloud platforms like AWS and Firebase.

## **AWARDS AND ACHIEVEMENTS**

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- Secured 1st position in ECE departmental and 2nd position in Pro-G paper presentation at IIT Roorkee's annual tech fest, Cognizance.
- Secured 1st prize in paper presentation at Loyola Engineering College, Chennai.
- Achieved top 3 positions in various college-level coding competitions.

## **CERTIFICATES**

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- **Deloitte:** Data Analytics (April 2025) — [View Certificate](#)
- **IIT Roorkee:** Prod-G (March 2024) — [View Certificate](#)