

Anuska Saha



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Career Objective

Aspiring Electronics and Communication Engineer (Final Year, B. Tech – 7th Semester) seeking a challenging position to apply academic knowledge, technical skills, and internship experience in power distribution, machine learning, and embedded systems. Committed to contributing effectively to organizational success while enhancing professional expertise.

Education

- **B. Tech – Electronics and Communication Engineering (Pursuing 7th Semester)**
B.P. Poddar Institute of Management and Technology, MAKAUT (2022 – 2026)
CGPA: 7.705 (up to 6th semester)
- **Class XII (CBSE)** – Apeejay School, 2022 – 82%
- **Class X (WBBSE)** – Calcutta Airport English High School, 2020 – 84%

Skills

- **Programming:** Java, MATLAB (DSP Toolbox), Python (ML Libraries), MySQL
- **Concepts:** Data Structures & Algorithms (Java), OOPS (Java), DBMS, Computer Network
- **Web Development:** HTML, CSS, JavaScript, Streamlit
- **Core Subjects:** Digital System Design, Digital & Analog Communication, Information Theory and Coding

Internships & Training

- **CESC Limited – Distribution Automation (June 2025 – July 2025)**
 - Gained exposure to SCADA and communication systems in power distribution.
 - Hands-on experience in fault detection and correction at substations.
- **Ardent Computech Pvt. Ltd. (July 2025 – Aug 2025)**
 - Worked on Machine Learning algorithms using Python.
 - Applied data scaling and visualization techniques.
 - Developed a project: Crop Recommendation System.
- **Central Research & Training Laboratory (NCSM) (July 2025 – Aug 2025)**
 - Developed virtualization of museums using Augmented Reality (AR) and AI.

Projects

- **Smart Crop Assistant (ML-based):** <https://smartfarmingassistant-6kzzoejevjqipu2nopun.streamlit.app/>
- **Mental Health Predictor (ML-based):** <https://mentalhealthpredictor-ltqpf9crgqyb5n6lydnn5v.streamlit.app/>

- **Drone Control:** Designed, calibrated, and integrated a custom drone with flight controller, GPS module implementing **real-time object detection** for enhanced autonomous navigation and monitoring.
- **Frontend Websites:**
 - Tours & Travel Dashboard – https://anuska1607.github.io/tours-and-travel_dashboard/
 - School Website – https://anuska1607.github.io/schoolwebsite_dashboard/

Research Publications

- Anuska Saha: Surface Glare Reduction using Image Polarization, International Journal of Research Publications and Reviews, Vol. 6, Issue 4, April 2025.
- Anuska Saha: Design and Analysis of Four-Lens System for Simultaneous Image Magnification and Quality Improvement, International Journal of Progressive Research in Engineering Management and Science, Vol. 5, Issue 6, June 2025.

Skill Certifications

- Oracle Cloud Infrastructure 2025 Certified Data Science Professional; Credential ID: 102681153OCI25DSOCP
- Oracle Cloud Infrastructure 2025 Certified AI Foundation Associate; Credential ID:102675373OCI25AICFA

Participation

- Microsoft Azure Cloud Skills Challenge – Completed.
- Attended IoT Seminar by Ardent.

Leadership & Volunteering

- Event Coordinator, Techfest 2025 – BPPIMT.
- Active Member – Performing Arts Forum, NSS Cell (BPPIMT).
- Organized blood donation camp and Matribhasha Divas cultural event.

Personal Details

- Date of Birth: 16 July 2004
- Nationality: Indian
- Languages: English, Hindi, Bengali, Japanese
- Hobbies: Sketching, Dancing, Music, Watching Dramas

Declaration

I hereby declare that the above-mentioned details are true to the best of my knowledge.

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