

# Akriti Kumari

Kolkata, West Bengal

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## Career Objective

Enthusiastic Software Developer with hands-on experience in full-stack web development, IoT systems, and AI-based applications. Skilled in diverse programming languages and driven to build innovative solutions that address real-world challenges.

## Education

Techno India University B.Tech in CSE-AIML – CGPA: 9.26 (As of semester 6)	September 2022 - Present Kolkata, West Bengal
Netaji Subhas Public School CBSE Class XII - 85.5%	April 2021 - March 2022 Murshidabad, West Bengal
Netaji Subhas Public School CBSE Class X – 92.8%	April 2019 - March 2020 Murshidabad, West Bengal

## Technical Skills

- Programming Languages: C, C++, Java, Python
- Web Development: HTML, CSS, JavaScript, Flask
- Databases: MySQL, SQL Server
- AI-ML & Cloud Computing: Azure AI Fundamentals
- IoT & Embedded Systems: ESP32, Current and Voltage Sensors
- Tools: Git, GitHub, Jupyter Notebook

## Projects

- [QUIZ CAMPUS](#)  
A full-stack web application featuring role-based access for students and faculty, join codes, countdown timer, and auto-evaluation — built using HTML, CSS, JavaScript, and Firebase as part of my 6th semester Mini Project.
- [PURE FLAVOUR](#)  
Pure Flavour is a cartridge-based, pocket-friendly water filter aimed at rural and underprivileged communities. The promotional website, built using HTML, CSS, and JavaScript, was developed as part of our Entrepreneurship Skill Development project.
- [TIC-TAC-TOE](#)  
An interactive and user-friendly web-based game built using HTML, CSS, and JavaScript, allowing users to play locally against another player or challenge an AI opponent powered by the Minimax algorithm with alpha-beta pruning for optimal moves.
- [SMART ENERGY METER](#)  
The Smart Energy Meter is an IoT-based project that monitors real-time electricity usage using an ESP32 microcontroller with ZMPT101B voltage and ACS712 current sensors. Data is sent to the Blynk app, allowing users to remotely track voltage, current, power, and cost for efficient energy management.

## Certifications

- [Microsoft Certified: Azure AI Fundamentals](#) - Microsoft
- [Responsive Web Design](#) – freeCodeCamp

## Achievements & Extracurriculars

- Maintained academic distinction as a top performer in my batch.
- Solved 650+ DSA problems on LeetCode in multiple programming languages.
- Received 365 days of code badge from LeetCode for staying consistent in problem-solving.
- Completed online courses on Programming, Web Development and Artificial Intelligence.