

ARUSHEE TOMAR

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EDUCATION

B.Tech in Computer Engineering <i>Zakir Husain College of Engineering, AMU, Aligarh</i>	2021-2025 CGPA: 9.23
Diploma in Information Technology (Gold Medalist) <i>Women's Polytechnic, AMU, Aligarh</i>	2018-2021 Percentage: 90.3
High School <i>Our Lady of Fatima School, Aligarh</i>	2017-2018 Percentage: 90.6

EXPERIENCE

Research Intern at IIT Patna <i>Indian Institute of Technology (IIT) Patna</i>	Aug 2023 - Dec 2023
<ul style="list-style-type: none">– Led the development of predictive models for air pollution using machine learning to enhance forecast accuracy.– Gained exposure to advanced methodologies in environmental science and machine learning.	
Amazon ML Summer School <i>Amazon</i>	June 2024 - July 2024
<ul style="list-style-type: none">– Implemented Supervised, Unsupervised, and Complex ML Algorithms using Python libraries.– Worked on ML projects with complex algorithms, achieving 95%+ accuracy.	

PROJECTS

Drowsiness Detection Developed a real-time drowsiness detection system using facial analysis and eye tracking to alert drivers. <i>Tech Stack:</i> OpenCV, TensorFlow, Keras, CNN	View here
Enterprise AI Built a sentiment analysis model processing text, audio, and image data to predict customer sentiment and improve reviews. <i>Tech Stack:</i> Python, Pytesseract, OpenCV, Flask, HTML, CSS, Bootstrap	View here
GeoXBeta - Attendance based on Geofencing Designed a geofencing-based attendance system, tracking location for clock-in/out. <i>Tech Stack:</i> HTML, CSS, JavaScript, Bootstrap, PHP, SQL	View here

SKILLS

Languages	Java, Python, C, C++, Javascript, HTML/CSS
Domains	Full Stack Development, Machine Learning, Deep Learning
Frameworks	Springboot, Hibernate, React, Flask
Other Skills	Operating System, Object Oriented Programming, Computer Networks, Database Management

ACHIEVEMENTS

- Recipient of the AMU Alumni Association of Washington DC Scholarship (2019).
- Gold Medalist, Diploma in IT, Women's Polytechnic, AMU, ranked 1st across all branches.
- Rank 3 - Vercera Software Hackathon.
- Co-author of the book **The Ultimate Guide to E-commerce** published on Amazon.

POSITIONS OF RESPONSIBILITY

- **Campus Ambassador at Geeks For Geeks**, Apr 2022 - Jun 2023: Promoted tech events, fostered coding skills.
- **Developer at CodeChef ZHCET Chapter**, Jan 2022 - Jan 2023: Led HackOverFlow coding event.
- **Member at Women Techmakers, Google Dev Community**, Apr 2022 - Present: Supported diversity in tech initiatives.