

MANISHA GAUTAM

Mathura, Uttar Pradesh

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manisha14

Gautam-Manisha

Education

GLA University

Bachelor of Technology , Computer Science with Specialization in AI/ML - **CGPA : 7.61**

Aug 2024 – Dec 2028

Mathura, Uttar Pradesh

Relevant Coursework

- Data Structures and Algorithms
- Operating Systems
- Machine Learning
- Database Management System(DBMS)
- Artificial Intelligence
- Generative AI
- Software Engineering
- Computer Architecture
- Web Development
- Deep Learning
- Frameworks
- Prompt Engineering
- OOP's Concepts

Experience

IIIT Kottayam

18 May 2026 – 30 June 2026

Research Intern

Kottayam, Kerala

- Completed an intensive multidisciplinary summer research program covering robotics fundamentals, including probabilistic robotics, linear algebra, calculus and differential equations, fuzzy logic control, and energy engineering for robotic applications.
- Built and simulated robotic systems using MATLAB, Simulink, Keil uVision, and Tinkercad for embedded systems, control algorithms, and probabilistic modeling.
- Gained hands-on experience with embedded systems, Internet of Things, edge computing, cloud integration, and secure data transmission in cyber-physical systems through laboratory sessions and applied robotics projects.

Projects

Facial-Emotion Detection System | Python, Tensorflow, OpenCV, Keras, CNN

January 2026

- Developed a deep learning-based facial emotion detection system capable of identifying human emotions such as happy, sad, angry, surprise, and neutral from real-time facial expressions.
- Built and trained a Convolutional Neural Network (CNN) model using TensorFlow and Keras, with OpenCV for face detection, image preprocessing, and live webcam integration.
- Implemented real-time emotion prediction with optimized preprocessing and classification pipelines, improving detection accuracy and inference speed for live video streams.

AI Powered Content Generator Chatbot | Python, Agentic AI, API, Flask, HTML/CSS

November 2025

- Developed an Agentic AI-powered chatbot capable of generating blogs, captions, emails, summaries, and social media content through context-aware conversational interactions.
- Built a Flask-based backend and interactive user interface supporting real-time conversations, dynamic content rendering, and seamless user interaction.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL, React , Node js

Developer Tools: VS Code, IntelliJ, Google Collab, Eclipse

Technologies/Frameworks: Git, GitHub, Flask , Django

Leadership / Extracurricular

Cyberonites

Sept 2025 – Aug 2026

Content Head

GLA University

- Researched, wrote, and published technology-focused articles, reports, and updates related to cybersecurity, AI, and emerging technologies.

Cyberonites

Sept 2026 – Present

Financer

GLA University

- Managed event finances, budgeting, expense tracking, and procurement while ensuring efficient utilization of funds and maintaining accurate financial records.

IQOO Hackathon 2026

5 July 2026

Top 4th Team

CoWorks Office, Gurugram

- * Developed a campus OS for students enabling cross-device workflows across laptops and iQOO smartphones, with dynamic Green Light/Red Light access modes; ranked among the Top 4 teams in the IQOO Hackathon 2026.

Certifications

Microsoft Azure Fundamentals (AZ-900)	Jan 2025
Microsoft Azure AI Fundamentals (AI-900)	Dec 2025
Microsoft Certified: Fabric Data Engineer Associate (DP-700)	Sept 2026