

MANTU KUMAR

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PROFESSIONAL SUMMARY

Computer Science undergraduate with hands-on experience in Python, software development, and machine learning. Proven ability to build scalable applications, RESTful APIs, and automation-based projects. Seeking an entry-level SDE role to apply strong problem-solving and development skills.

SKILLS

Languages: Python, C++, Java, HTML, CSS, JavaScript

Frameworks/Libraries: Django, Flask, Tkinter, OpenCV, Scikit-Learn, NumPy, Pandas, TensorFlow

Databases: SQL, MongoDB, MySQL, SQLite

Concepts: OOP, RESTful APIs, Agile Development, MVC Architecture, Computer Networks, Operating Systems, DBMS

Developer Tools: Git, GitHub, VS Code, Jupyter Notebook, PyCharm, Eclipse IDE, WordPress

Soft Skills: Time Management, Adaptability, Collaboration & Teamwork

EDUCATION

Bachelor of Technology in Computer Science

Maharishi Markandeshwar (Deemed to be) University – Mullana, Haryana
2022 – 2026 | CGPA: 7.23 (up to 7th Semester)

Senior Secondary (12th Grade)

Gaya College, Gaya – Bihar, India
2021 – 2022 | Percentage: 68.6%

INTERNSHIP EXPERIENCE

Machine Learning & Data Science Intern — YBI Foundation

Jan 2025 – Mar 2025

- Developed and optimized machine learning models using Python, Scikit-Learn, and TensorFlow
- Applied classification, regression, and clustering algorithms for data-driven analysis
- Preprocessed large datasets using Pandas and NumPy for accurate model training
- Collaborated in an Agile team environment, meeting project deadlines effectively

Software Development Engineer (SDE) Intern — BLUESTOCK.in

Oct 2025 – Dec 2025

- Developed and enhanced backend features using Python and structured programming principles
- Designed and implemented RESTful APIs to support application functionality
- Improved code quality through debugging, optimization, and refactoring
- Used Git & GitHub for version control and collaborative development

PROJECTS

Voice Assistant Application – GitHub: <https://github.com/mantusharma000/VoiceAssistanceApp/tree/Voice> 2025

Technologies Used: Python, JavaScript, HTML, CSS, Speech Recognition, Text-to-Speech, NLP, APIs

- Developed a Python-based voice assistant to perform voice-controlled tasks and automate system operations
- Implemented speech-to-text using Speech Recognition libraries for accurate voice input processing
- Integrated text-to-speech (TTS) for natural audio responses
- Executed commands for web search, application launch, date/time retrieval, and basic automation

Face Recognition Attendance System – GitHub: <https://github.com/mantusharma000/Face-Recognition> 2025

Technologies Used: Python, OpenCV, NumPy, MySQL

- Designed and deployed a real-time attendance system using face recognition
- Integrated OpenCV for image processing and MySQL for secure data storage
- Generated Excel reports automatically, streamlining record-keeping by 40%
- Improved recognition accuracy with advanced facial feature training models

CERTIFICATIONS

- Java – Infosys Springboard
- Python – CoDing Seekho
- SQL Database – UniAthena
- C++ Programming – TechGig