



SHAIKH ZAKA TABISH

WORK EXPERIENCE

- **Integrated Computer Solutions, Aurangabad, India** 10/2024-12/2024
Back-end Developer
- Engineered robust backend architectures for enterprise-grade ERP systems and Quality Assurance Management Systems, ensuring high scalability, modularity, and fault tolerance.
 - Designed and implemented mission-critical backend solutions for ERP and Quality Management systems using .NET, C#, PHP, and SQL, emphasizing performance, security, and maintainability

TECHNICAL SKILLS

- Python (Advanced)
- C/C++ (Advanced)
- Data Structures & Algorithms (Intermediate)
- SQL (Intermediate)
- Version Control using Git, GitHub/GitLab (Intermediate)
- Agile/Scrum methodologies (Beginner)
- Excel (Intermediate)
- Bash / Shell scripting (Intermediate)

PROJECTS

- **Industrial Automation Project: Automated a Ice Cream Cone Crimping Machine** 11/2024 – 02/2025
- Engineered an innovative home-garage automation project converting a manual ice cream cone packing machine into a fully automated system using **microcontroller**, **sensors**, and **actuators**. Post-automation, machine output **increased to 3,500 pieces/hour**, up from **600 pieces/hour with two operators**, achieving nearly **6x efficiency** improvement and **labor cost reduction**.
 - Role: Sole Developer.
- Link: https://github.com/ProgrammerTabish/IndustrialAutomation_CrimpMachine
- **City Waste Management System using Van Tracking** 09/2023 – 05/2024
- Enabled real-time tracking of garbage vans using **IOT**, with **GPS** module and a **MERN Stack** application, reducing response time to citizen complaints by 17% and improving route efficiency by 25%.
 - Role: **Team Leader**, Developer.
- Link <https://github.com/ProgrammerTabish/FinalYearProject>
- **Parking System using AI with ANPR** 02/2022 – 05/2023
- Automated vehicle entry management using **OpenCV**, eliminating unauthorized access and decreasing average wait times from 13 minutes to 6 minutes.
 - Role: **Team Leader**, Developer.
- Link: https://github.com/ProgrammerTabish/project_6th_sem

CONTACT

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EDUCATION

Ostbayerische Technische Hochschule, Amberg
2025 - Present

Master in Artificial Intelligence for Industrial Applications

MIT Aurangabad
2020 - 2024
Bachelor in Computer Science Engineering

SOFT SKILLS

- Expert level communication
- Adaptability
- Attention to Detail
- Time Management
- Leadership
- Accountability
- Critical Thinking

LANGUAGES

- English (C1)
- German Speaking (B1)
- Urdu (Native)
- Marathi(B2)
- Arabic(A2)