MARYAM HAMNA N

Aspiring Software Developer | IT Undergraduate

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CAREER OBJECTIVE

Passionate and self-motivated IT student with a strong foundation in programming, database management, and core IT concepts. Skilled in Python, Java, SQL, and analytical problem-solving, with an interest in building efficient and reliable solutions. Eager to apply and expand technical skills while contributing to impactful projects.

EDUCATION

B.Tech(Information Technology) **2023- 2027**

Loyola-ICAM College of Engineering and Technology

CGPA: 8.71

Higher Secondary **2022 -2023**

Crescent Mat. Hr. Sec. School

Percentage: 92.6%

SKILLS

- **Programming Language:** Python , Java , C
- **Web Development:** HTML , CSS , JavaScript
- **DataBase** : MySQL
- **Tools :** GitHub ,Jupyter Notebook, Eclipse , VS Code
- **Core Concepts:** DSA ,DBMS ,OOPS
- **Soft Skills:** Problem Solving, Communication, Leadership, Teamwork

ACHIEVEMENTS & HACKATHONS

- **Ctrl+Alt+Hack** — Built an AI-based Intrusion Detection System to identify cyber threats.
- **Carpe Diem Hackathon** — **LICET Pattarai** — Built an IoT-based pedestrian safety solution as part of Team "GuardX," .
- **Smart India Hackathon -2025** —Link Shield Protection Tool

EXPERIENCE

Corvanta Analytics

Web Developer Intern July 2025

- A real-time task and workspace management platform designed for team productivity.
- Built backend APIs and real-time communication features.
- Understood product workflows and collaborated with industry-level developers

PROJECTS

Bus Reservation System

- Built a basic bus reservation system using Java and OOP concepts.
- Added core features such as seat booking and seat selection

Link Protection Tool

- Developed a lightweight application to detect malicious URLs in real time using Python/Tkinter
- Integrated Google Safe Browsing and VirusTotal APIs to identify threat type and risk level.

Intrusion Detection System (Streamlit)

- Created an AI-based malicious URL detection system using machine learning models.
- Built an interactive Streamlit dashboard with visual threat warning indicators.

IoT Pedestrian Safety System

- Developed an IoT-based solution to improve pedestrian safety.
- Implemented sensors to detect pedestrian movement and enhance road awareness.

CERTIFICATES

- Simulink Onramp
- MATLAB Onramp
- Statistics Essentials with Python
- CompTIA Network+: Ports & Protocols