MOHAMMED ASWATH L

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OBJECTIVE

Seeking a dynamic role within a forward-thinking company that champions teamwork, innovation and continuous professional growth, leveraging my skills to drive outstanding outcomes.

SKILLS.

Python	C/C++	HTML	JavaScript	MongoDB	Word
Java	SQL	CSS	Flask	PowerPoint	Excel

EDUCATION

Nandha Engineering College
B.E: Biomedical Engineering
CGPA: 8.857

Kamaraj Municipal Higher Secondary School
12th Bio-Maths
Grade: 72%

E.K.M Abdul Gani Matharasa Islamia High School
10th
Grade: 77.6%

LANGUAGES

- Tamil
- English
- Urdu
- Hindi

PROJECTS

Sleep Walking Alert System
- Designed and implemented an **Arduino-based** system to prevent sleep walking incidents.
- Reduced sleep walking incidents and improved patient safety by preventing falls.
- A real-time **phone alert** system to notify family members when sleep walking occurs.

Quiz App with Excel Integration(MIT App Inventor)
- Developed a dynamic and engaging quiz app using MIT App Inventor for a college symposium event.
- Integrated Excel functionality to enable real-time participant tracking and facilitate seamless data analysis for organizers.

Web Application For Hospital Equipment Maintenance
- Built **Python Flask/MongoDB** app for multispecialty hospital, managing equipment maintenance across departments.
- Improved efficiency through streamlined tracking & search.
- Collaborated with healthcare professionals to ensure app met their needs and streamlined workflows.

Library Management System
- Built a system using **Python** and **Flask** to better manage books and member records in the library, making operations smoother.
- Led the creation of a system using Python and Flask that made it easier to **organize** books and member info, improving how the library runs.

Student Database management System
- Engineered a Student Database Management System with **Flask** and **Firebase**, simplifying storage and access to student **records** and academic **certificates**.
- Facilitated streamlined access to academic certificates and student records through a Flask-powered system integrated with Firebase, aiding staff in providing efficient academic guidance.

ACHIEVEMENTS & AWARDS
- Awarded 2nd Prize for innovative presentation of Dual Screen ECG system.
- Acknowledged with College Co-curricular Award
- Secured 2nd Place in departmental quiz competition
- Participated in CodeChef Contest
- Participated in mygov quiz competition

CERTIFICATIONS
- HackerRank Python Assessment Completion
- NPTEL's 'Data Analysis for Biologists' course completion
- CodeChef Certification in SQL
- C++ Programming Essentials Bootcamp Certification
- Data Analysis with Python Masterclass

HOBBIES
Books: Enjoy delving into mysteries, scientific literature, and broadening knowledge through avid reading.
Animation: Passionately create diverse animated clips inspired by cartoons and anime.