SHEIK SAQIB AHMED

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SUMMARY

Motivated **Software Engineer** with a Bachelor's in Computer Applications (BCA, 2024) and a solid background in programming language, **Python, Java development, SQL, and Analytical Problem-solving.** Excited to leverage skills and enthusiasm for continuous learning to contribute actively to cutting-edge projects and create a significant impact.

EDUCATION

Bachelor's in Computer Applications (BCA)
University of Mysore, St.Philomena's Degree College
2022 - 2024
Grade: **8.06 CGPA**

Pre-University College (**PCMB**) **75%**

SSLC (High School) **85.28%**

WORK EXPERIENCE

Internship in Python Full-stack Development
Shishira Softbiz Pvt Ltd, Mysore.
March 2024 - May 2024
• Learned **Git** and **GitHub** for effective code collaboration and version control
• Experience in building end-to-end web applications by integrating **front-end, back-end, and database technologies.**

Java Developer Course, IVAC Academy
July 2023 - Sep 2023
• Main responsibility was to **write, debug, and test** code in Java.
• Assist in fixing bugs reported by **QA teams or end-users**.

PROJECTS

Trading Analysis Website: A full-stack mobile/web trading prediction app that uses chart pattern recognition, scalping strategies, and machine learning-based price forecasting to assist traders in making smarter decisions.
GitHub - sheiksaqibahmed/Trading-Analyzer-Website

Cyber Attack Detection for Wireless Sensors in Microgrids (IoT): Model for identifying and responding to malicious activities targeting wireless sensor networks that monitor and control microgrid operations and data tampering to ensure the security, reliability, and efficiency.

Small Language Model (NLP): Fully Python program, This model leverages state-of-the-art natural language processing (NLP) techniques to comprehend, retrieve, and generate responses from various file formats such as txt, pdf, and .docx. **GitHub - sheiksaqibahmed/SLM_PROJECT**

Automatic Street Light Sensor System: This project involves the development of an automatic street light control system using light-dependent resistors (LDR) and microcontrollers. The system detects ambient light levels and automatically turns street lights on at dusk and off at dawn, enhancing energy efficiency and reducing manual intervention. Ideal for smart city applications, the system promotes sustainability and cost savings through intelligent lighting automation.

TECHNICAL SKILLS

Programming Languages: Python, Basic Java, HTML
Query Language: SQL
Java Frameworks: Knowledge of Collection Framework (List, Set, Map, etc.), Exception handling, Multi-threading
Algorithms and Data Structures: Sorting, searching, optimization techniques
Complexity Analysis: Time & space complexity for efficient design
SQL: Writing queries, creating & managing tables, joins, views, relational databases
DevOps: Basic knowledge of CI/CD pipelines
Additional: Basic knowledge of Networks and SAP modules
System, Application and Production: Knowledge of modules Basis/Upgrade, S/4 HANA

ADDITIONAL INFORMATION

Soft Skills: Teamwork, Attention to detail, Adaptability, Problem-solving, Client communication and quick learner.

Languages: English, Hindi, Kannada, Tamil