

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 Problemsolving**. 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
2021 - 2024

Grade: 8.06 CGPA

Pre-University College (PCMB) 75%

SSLC (High School) 85.28%

WORK EXPERIENCE

Software Developer

Qubits Infotech Solutions Pvt. Ltd., Bengaluru

<https://www.qubitsinfotechsolution.tech/>

Jan 2025 – Jun 2025

- Developed and maintained real-time web applications using Python and FastAPI, focusing on scalable backend services and API integrations.
- Collaborated with cross-functional teams to deliver a logistics management platform that handled real-time shipment tracking and automated notifications.

- Implemented asynchronous data processing pipelines using Python's `asyncio`, improving system throughput by 25%.
- Wrote unit and integration tests using `pytest`, achieving 85%+ test coverage and reducing production bugs.
- Contributed to DevOps tasks: Dockerized microservices and integrated them into CI/CD pipelines using GitHub Actions. <https://naghavifin.com/>

Data Science Trainee (On-Job Training)

Naghavi Financial Services Pvt. Ltd., Bengaluru

<https://naghavifin.com>

Sep 2024 – Jan 2025

- Gained hands-on experience in data preprocessing, exploratory data analysis (EDA), and predictive modeling using Python (Pandas, NumPy, Scikit-learn).
- Contributed to a real-time **credit risk analysis project**, developing a classification model to predict loan default probability, improving risk assessment accuracy by 18%.
- Designed interactive dashboards using Power BI and Matplotlib to visualize customer credit trends and risk profiles for stakeholders.
- Applied statistical techniques and feature engineering to enhance model performance and interpretability.
- Collaborated with the data engineering team to automate data pipelines using SQL and Python scripts.

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.

<https://github.com/sheiksaqibahmed/Trading-Analyzer-Website.git>

Academic Project- 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. https://github.com/sheiksaqibahmed/SLM_PROJECT.git

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

Python (Advanced): OOP, async programming, decorators, generators, type hinting, multithreading, REST API development (FastAPI/Django), scripting, data processing (Pandas/NumPy), testing (pytest), packaging, and performance optimization

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