

MOHAMED NASEER SIHANAS

SOFTWARE ENGINEER INTERN

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SUMMARY

Final-year Software Engineering student with hands-on experience in personal projects. Skilled in Python, web development, SQL, and Git. Passionate about problem-solving and eager to gain real-world experience in a professional setting.

PROJECTS

Hospital Management System (website)

Jul 2025 - Sept 2025

- Developed a complete hospital management website to handle patient records, doctor scheduling, and separated profiles.
- Designed and connected a secure backend database to store patient and staff information.
- Implemented user-friendly UI/UX for smooth navigation and interaction.

Automated Text Summarization for News Articles using Python

Aug 2025 - Dec 2025

- Trained A machine learning model to extract and summarize key content from news articles.
- Applied NLP techniques such as tokenization, frequency analysis, and cosine similarity.
- Focused on reducing content while retaining essential information for fast reading and implemented the login in a simple python interface using streamlit.

Evaluating the Performance of Object Detection Models for Accurate

Jan 2025 - present

Sri Lankan Traffic Sign Detection (research)

- Evaluating the performance of object detection models (YOLOv8, SSD, Faster R-CNN) on a custom Sri Lankan road sign dataset.
- Measuring accuracy using mAP (mean Average Precision) and F1 score.
- Aiming to identify the most efficient model for real-time traffic sign detection applications.

TECHNICAL SKILLS

- Languages: HTML5, CSS3, JavaScript, SQL, Python
- Tools & Technologies: Git, GitHub, VS Code, MySQL
- Concepts: Object-Oriented Programming, Database Design, Web Development, Basic Machine Learning, Natural Language Processing

EDUCATION

BTEC Higher National Diploma (HND) in Software Engineering

Expected graduation: Aug 2025

British College of Applied Studies (BCAS Campus)

- Relevant Modules: Programming Principles, Database Design, Web Development, Software Project Management, Foundational AI concepts.

CERTIFICATIONS

- GitHub Foundations Certification – [GitHub](https://github.com)
- Postman API Fundamentals Student Expert Certification – [Postman](https://postman.com)

EXTRACURRICULAR ACTIVITIES

- Batch Representative, BITS Society – BCAS Campus
Represented the batch in academic and extracurricular matters, coordinated with faculty and student bodies, and helped organize tech and community events.

REFERENCE - AVAILABLE UPON REQUEST

Mr. Mohamed Nismy

Coordinator cum lecturer - IT

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