HASSAN SHAMIL

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PROFILE

Dedicated B.Sc. Computer Science undergraduate with a solid foundation in web development, object-oriented programming (OOP), and data structures and algorithms (DSA). Passionate about leveraging technical skills to solve real-world problems, I am seeking a software development internship to gain hands-on experience, refine my abilities, and contribute to impactful, collaborative projects. Known for a strong work ethic, adaptability, and a proactive approach to learning.

EDUCATION

Bachelors of Science in Computer Science   **2023 - 2027**
University of Westminster

Advanced Level   **2019 - 2023**
D.S.Senanayake College , Colombo

PROJECTS

Fabric Defect Detection App   **Oct 2024 - Mar 2025**

- Developed a mobile application to enhance quality control in garment manufacturing by detecting fabric defects using YOLO object detection.
- Implemented real-time fabric scanning and automated inspection report generation, reducing manual errors.
- **Technolgies:** Flutter(front-end), Django(back-end), SQLite (database), YOLO (object detection)

Bookstore Management System   **Feb 2025 - July 2025**

- Developed a full-stack web application with a Java-based REST API (JAX-RS) to support a bookstore.
- Customers can browse books, manage carts, and place orders while admins have access to a dedicated dashboard for managing books, authors, customers, and orders
- Built a responsive, professional frontend using React (Vite + JSX) with Tailwind CSS, supporting full CRUD operations for all models.
- **Technologies:** Java, JAX-RS, React, MySQL, Tailwind CSS, REST API, vite

Real-time Ticketing System   **Sep 2024 - Dec 2024**

- Developed a Java-based real-time ticketing system simulation with multithreading and synchronization.
- Features included concurrent ticket release/purchase logic using ReentrantLock, a configurable CLI interface, and persistent log storage.
- **Technolgies:** Java, Multithreading, Concurrency, Serialization, CLI

SKILLS & INTERESTS

- **Programming Languages:** Java, Python, HTML, CSS, Javascript, SQL
- **Frameworks & Libraries:** Django, Flutter, Pandas, React, Tailwind CSS
- **Soft Skills:** Time management, Adaptability, Quick learner, Team player
- **Interests:** Web Development, Football , Fitness, Gaming

EXTRACURRICULAR ACTIVITIES

- Represented the school & university football team
- Member of the rotaract & IEEE club of IIT (Informatics Institute of Technology)
- Completed CALSDA Spoken English exams (Grade 1 - 5)

REFERENCES

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