

Sakuni Sathsarani

Final year Undergraduate - University of Moratuwa

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SUMMARY

I am a final-year undergraduate in Information Technology & Management with a 6-month Software Engineering internship at SLT Mobitel. I am a detail-oriented and highly motivated Quality Assurance Engineer with a strong foundation in software testing and automation. I am passionate about ensuring software reliability and user satisfaction. I am looking for an opportunity to apply my technical and analytical skills in a dynamic QA role.

PROFESSIONAL EXPERIENCE

SLT MOBTEL - HEAD QUARTERS

2024 April - 2024 Oct

- Software Engineer Intern - Digital Platform Section

SLT MOBTEL - MATARA

2020 Feb - 2020 Aug

- Six months vocational training as Computer Operator

EDUCATION

UNIVERSITY OF MORATUWA

Present

- BSc.(Hons) in Information Technology & Management (Reading-Expected in 2025)

SRI SUMANGALA GIRLS COLLEGE - WELIGAMA

2005-2019

- G.C.E Advanced Level Examination (2019)
Commerce Stream | IR - 03 | ICT-A, Accounting-A, BS-A

PROJECTS

PREDICTING INDUSTRY GROWTH AND ASSESSING THE SUITABILITY OF BUSINESS LOAN APPLICANTS FYP RESEARCH (ONGOING)

- Our research focuses on developing machine-learning models to predict industry growth and trends. These insights will help banks design adaptive loan products and improve lending strategies. By analyzing data from exports, imports, financial statements, and news sentiment, we provide valuable market trends. This enables banks to create flexible loan plans, enhance decision-making, and stay competitive in a dynamic market.

AUTOMATION PROJECT

- Developed a simple REST API for a library system to manage book records. This system includes five APIs: one for adding new books, one for updating book details, one for deleting books, and two for retrieving books (all books and a specific book by ID)
- **Tools:** Cucumber-js, Playwright

GATE PASS MANAGEMENT SYSTEM (INTERN PROJECT)

- This system is designed to automate and enhance the efficiency of the current manual paper-based Gate Pass System used at Sri Lanka Telecom PLC. This system aims to address multiple challenges of the manual process by introducing a user-friendly, automated web-based system.
- **Technologies:** .NET Framework, MSSQL
- **Role:** Backend Developer

SPORTS ARENA BOOKING SYSTEM (2ND-YEAR SOFTWARE PROJECT)

- This is a group project claimed by IXD Labs to develop a web application for sports arenas and players to manage their bookings and payments easily.
- **Technologies:** React, Node, Express.js, and MongoDB.
- **Role:** Full Stack Developer

SMART WARDROBE (1ST-YEAR HARDWARE PROJECT)

- This is also a group project that aims at the security and automatically drying machine-washed clothes and lighting up the wardrobe when it is opened, by detecting the person.
- **Technologies :** C, Atmel Studio, Proteus Simulation, KiCad, Atmega32, Sensors.

TECHNICAL SKILLS

Programming languages

- Java
- Python
- C

Web Development

- HTML
- CSS
- JavaScript
- ReactJS
- Node.js (Express)
- .NET

Databases

- MongoDB
- MySQL
- MS SQL

Applications & Tools

- Figma
- IntelliJ IDEA
- CorelDRAW
- VS Code
- GIMP

Project Management Tools

- Clickup

Version Control Systems

- Git

Test Automation Tools

- Cucumber.js
- Playwright

NON TECHNICAL SKILLS

- Critical thinking
- Problem Solving
- Effective communication & leadership skills
- Self Learning
- Time management
- Take initiative

EXTRA CURRICULAR ACTIVITIES

- IEEE Mora Ventures 6.0 - Organizing Committee
- IEEE Futuro 2.0 - Leader of the Finance Committee
- Rotaract Club Nena Aruna project - Organizing committee
- Exmo - IT Faculty organizing committee
- FIT SIXES 2023 - Company team coordinator
- Member of the Nature Team
- School prefect board - Senior prefect, Junior prefect
- Committee member - Commerce Society

NON-RELATED REFEREES

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