

Shamly Shanawaz

IT Undergraduate

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Skills

Programming Languages

- C
- Python
- Java
- JavaScript
- PHP

Web Development

- HTML5
- CSS

Frameworks

- ReactJS
- NextJS
- ExpressJS
- Tailwind CSS

Databases

- MongoDB
- MySQL
- MSSQL

Version Control

- Git
- GitHub

Cloud and DevOps

- AWS
 - EC2
 - RDS
 - S3
- Docker

Project Management

- Agile Practices
- Jira
- Confluence
- Trello

About me

A technically competent and self-motivated undergraduate with qualitative academic experience in the field of ICT. An effective team player who leverages technical, leadership and communication skills to achieve goals and one who continuously seeks opportunities to master new technologies.

Education

BSc. (Hons) in Information Technology and Management

University of Moratuwa

CGPA - 3.93 (upto L2S1)

2021 - present

G.C.E Advanced Level

Zahira College, Colombo

z-score - 1.95

2017 - 2019

G.C.E Ordinary Level

Zahira College, Colombo

2006 - 2016

Projects

Hotel Management Web Application

During the project, The team created a web application for hotel administration that manages room reservations, user management, housekeeping, and billing. The application is intended to offer users effective and personalized services through a streamlined and user-friendly interface.

I developed the modules for reservation management, user management, and guest management from the ground up, along with many of the reusable modules being used in the application.

The application demonstrates my proficiency in software development and comprehension of the particular requirements of the business model

Technologies:- ReactJS, ExpressJS, MySQL, AWS

Client:- Virtusa (Pvt) Ltd

Skills (contd.)

Design and Prototyping

- Figma

API Testing

- Postman
- Insomnia

Soft Skills

- Team Management
- Problem Solving
- Critical Thinking
- Client Engagement
- Technical Leadership
- Teamwork
- Strategic Planning

Referees

Dr. Thilina Thanthriwatta,

Senior Lecturer,
Department of Information
Technology,
Faculty of Information Technology,
University of Moratuwa.
Contact - thilinat@uom.lk

Mr. Anusha Yapa,

Architect - Technology,
Virtusa (Pvt) Ltd.,
Colombo 09.
Contact - AYapa@virtusa.com
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Projects (contd.)

E-commerce Application (Ongoing)

I am actively involved in developing a full-stack application for an online shoe store. Creating a user-friendly interface, I aim to provide seamless browsing, shopping, and secure transactions for an exceptional online shopping experience.

Technologies: NextJS, ExpressJS, MongoDB, Tailwind CSS

Minimalistic Hospital website

I designed and developed a minimalist and user-friendly interface using HTML and CSS that made navigation simple and improved the user experience.

Technologies: HTML5 , CSS

Mining Kit for Miner Protection

The team designed a prototype mining kit to ensure the safety of miners by providing essential information and alerting using sensors such as a temperature/humidity sensor, a piezo plate, and a gas sensor into an ATmega32 microcontroller.

I played a key role in ensuring the safety of miners by focusing on the design and implementation of the LDR (Light Dependent Resistor) and IR (Infrared) sensors. These sensors were integrated into an ATmega32 microcontroller along with other essential sensors

Technologies: C , Proteus

Achievements

- **Dean's List** - Level 1 Semester 1 - (3.85 SGPA)
- **Dean's List** - Level 1 Semester 2 - (3.97 SGPA)
- **Dean's List** - Level 2 Semester 1 - (3.93 SGPA)
- **All Island Basketball champions** - under 19 (C Division)

Extra Curricular Activities

- **Batch Representative** - 3rd Year
- **Member** - IEEE Industrial Application Society, University of Moratuwa
- **CodeRush 2023 (Coding Competition)**- Participation
- **Bashaway 2022 (Coding Competition)** - Participation
- **Captain** - Under 15, Basketball team, Zahira College Colombo
- **Member** - Basketball team, Zahira College Colombo
- **Member** - Swimming Team, Zahira College Colombo
- **Member** - ICT club, Zahira College Colombo
- **Member** - Gavel Club, Zahira College Colombo
- **Member** - Interact club, Zahira College Colombo