



PROFILE

I'm a highly motivated computer engineering undergraduate with a strong passion for technology. I'm actively seeking a software engineering role in an innovative company where I can apply all my skills to tackle real-world challenges. I excel in problem-solving, communication, and time management, and I'm eager to contribute my adaptable mindset to your organization.




CONTACT

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SOCIAL:
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FIRNAS AHAMED

Full-Stack Developer | Computer Engineer (R)

PROFESSIONAL EXPERIENCE

National Engineering Research and Development Center of Sri Lanka Electronic and Computer Engineer (Intern)

Present - (01 Year Experience)

- Developed and designed the complete coding of the Oxygen Concentrator machine.
- Designed and implemented an IoT-based home electrical control system using Firebase, which involved creating a new Android application and utilizing an Arduino NodeMCU.
- Developed an extensive virtual book launch platform for the National Engineering Research Symposium (NERS), including the creation of websites and the establishment of a virtual book environment.

Dot Tech Software – Associate Software Engineer

2021–2022 (01 Year Experience)

I collaborated with a team to develop the 'Laffey Sweets' mobile app using React Native for Android and iOS.

- Gathered client requirements, designed the user interface, and developed API endpoints.
- Integrated socket and HTTP APIs for real-time features.

Graystack (Private) Limited - Software Engineer Intern

2020–2021 (06 Months Experience)

Pursued React fundamentals and worked in florist website project using React and React Native.

Pearl Group Hotels (PVT) LTD – Web Developer & Digital Marketing Specialist

2019–2020 (01 Year Experience)

During my tenure at Pearl Group Hotels, I served as a Web Developer and Digital Marketing Specialist, contributing to the company's digital landscape with creative insights and expertise.

EDUCATION

BTECH (Hons) Engineering (R) The Open University of Sri Lanka

2019 - Present

Proceeding the 4th academic year in specialization of Computer Engineering in Bachelor of Technology Honors in Engineering degree program.

Bachelor of Information Technology (R) University of Colombo School of Computing

2020 - Present

I've completed a Diploma in Information Technology in addition to my Bachelor's degree, further enriching my qualifications. Currently, I'm in the final year of my degree program

Diploma in English BCAS Kandy Campus

2017-2018

Successfully completed a full-time program with Distinction grade.

Physical Science – GCE Advanced Level Zahira College, Mawanella

2017

Successfully completed GCE A/L with Combined Mathematics, Physics and Chemistry

SKILLS

PROGRAMMING LANGUAGES:

Python
Python Django, KivyMD, Selenium, Tkinter
JavaScript
NodeJS, ReactJS, React Native, NextJS
Java
C, C++
HTML/CSS, Tailwind CSS
PHP, Laravel
Firebase, MongoDB, MySQL
Flutter
Kotlin & Android Studio
Unix/Linux Environments, Kali Linux
BASH Shell
Arduino
8051 Microcontroller

OTHER:

Data Structures & Algorithms
Leadership
Conflict Resolution
Team Work
Time Management

INTERESTS

Open Source
Full-Stack Development
Native App Development
AI & Machine Learning
Ethical Hacking
Automation, Scripting
Cloud Computing
Coding Competitions
IoT, Robotics
Startups and Entrepreneurship

REFEREES

MR. MOHAMED AFHAM

AI Resident (Researcher)

Meta Platforms Inc. (Ex. Facebook)

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MR. JM NIWAS

Director

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PROJECTS

E-Class Learning Management System - Mobile & Web App

(Flutter (Dart) | PHP | Laravel Framework 8.1 | Bootstrap | MySQL)

Developed a mobile application that serves as an advanced Learning Management System (LMS). The app provides online courses, user authentication, and distinct roles for administrators, instructors, and users.

Fiddi App – Social Media Application

(Python Django | JavaScript | Tailwind CSS)

A dynamic social media platform enabling user interactions, including account creation, image and video uploads, and seamless following of other users.

Good Health – Pharmacy Management System

(Python Django | MySQL)

Developed a comprehensive pharmacy management system, enhancing pharmaceutical administration efficiency, with features including monthly summary reports.

BookMe – Car Booking System

(Python Tkinter | MySQL | PHP)

Designed a user-friendly car booking system that allows users to browse and select vehicles based on their specific preferences.

ACHIEVEMENTS

NERDC

Token of Appreciation - Dedication and commitments in designing virtual event

Coursera

Certificate (Google) - "Google IT Automation with Python"

Certificate - "Front-End Web Development with React"

Certificate (University of Michigan) - "Python"

Solo Learn

Certificate - "Java Script"

Certificate - "Python Data Structures"

BCAS Kandy Campus

Award - Best Outstanding Leadership Qualities (Runner Up)

Award - Best Performer in Speech & Listening

Award - Best Performer in RLS (Real Life Situation)

Award - Best Performer in ELA (English Literary Association)

VOLUNTEERING

- President of Uplift Education – Sri Lanka
- Secretary of United Youth Club – Gelioya (Affiliated with Ministry of Youth Affairs)
- Coordinator at Past Pupils' Association of Kalugamuwa Central College, Gelioya