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:
LinkedIn : @firnasahmed
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Twitter : @firnas_ahmed

FIRNAS AHAMED

Passionate Software Engineer | Full Stack Developer

PROFESSIONAL EXPERIENCE

National Engineering Research and Development Center of Sri Lanka
Electronic and Computer Engineer (Intern)
2022 (06 Months 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.

Pearl Group Hotels (PVT) LTD – Software Engineer
2021–2022 (01 Year Experience)
- During my tenure at Pearl Group of Hotels, I served as a Software Engineer and Senior Software Engineer, leading the development of a cutting-edge Hotel Management System, demonstrating exceptional problem-solving skills and expertise in technologies such as React, JavaScript, PHP, Laravel, and Python.

Dot Tech Software – Associate Software Engineer
2020–2021 (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
2019–2020 (06 Months Experience)
Pursued React fundamentals and worked in florist website project using React and React Native.

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, VueJS
Java
C, C++
HTML/CSS, Tailwind CSS
PHP, Laraval
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)
New York, USA.
mohamedafham@meta.com
+1 (646) 270 2109

MR. JM NIWAS
Director
BCAS Kandy Campus
niwasjm@gmail.com
(0094) 77 763 4508

PROJECTS

FINTECH - Billing & Inventory Management with POS and Online Shop
(VueJS | PHP | Laravel Framework 8.1 | MySQL)
A Vue and Laravel-based billing and inventory management app, developed for FINTECH, serving small to large businesses. It offers comprehensive inventory features, including sales, purchases, stock management, and integrated Point of Sale with an online store.

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.

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