



FIRNAS AHAMED

SOFTWARE ENGINEER | FULL STACK DEVELOPER

PROFILE

Enthusiastic Software and computer Engineer deeply passionate about technology, seeking an exciting opportunity as a software engineer. Eager to leverage my diverse skill set and practical knowledge to craft innovative solutions in a dynamic professional Software environment. Proficient in problem-solving, effective communication, and talented at managing time efficiently. I aim to bring an adaptable mindset and a drive for excellence to contribute meaningfully to your team's success.

CONTACT


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SOCIAL

 LinkedIn : [@firnasahmed](#)
 GitHub : [@firnasahmed](#)
 Twitter : [@firnas_ahmed](#)

PROFESSIONAL EXPERIENCE

Orbit Softwares – Software Engineer

2023 – Present

- StockPulse - Billing & Inventory Management with POS
(ReactJS | PHP | Laravel | MySQL)
Developed a comprehensive billing and inventory management application for Orbit Softwares, encompassing sales, purchases, stock management, and integrated Point of Sale. Engaged in full-stack development for the entire application. [Click here](#) to view the project
- Saloonix - Multi Salon Service App
(Angular | Flutter (Dart) | Laravel)
Participated in the Saloonix project, focusing on individual salon appointment bookings across Android, iOS, and web platforms. Played a key role in developing the admin panel and continually improving the Android app.

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

2022- 2023

- 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

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

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.

EDUCATION

BTECH (Hons) Engineering (R)

The Open University of Sri Lanka

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

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

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

Sports:

Football
Swimming
Martial arts
chess

OTHER:

Data Structures & Algorithms
Leadership
Conflict Resolution
Team Work
Time Management

INTERESETS

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

BCAS Kandy Campus

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PROJECTS

Hi Five Gems - Billing & Inventory Management with POS and Online Shop

- Developed a dynamic e-commerce platform using WordPress for a gem shop. [Click here](#) to view the project
- Created a certificate-generating website using PHP and MySQL specifically for gemstones.

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

- Diploma in English – Distinction Grade
- 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 – Geliyoia (Affiliated with Ministry of Youth Affairs)
- Coordinator at Past Pupils’ Association of Kalugamuwa Central College, Geliyoia
- Active member and player of Sparta football club