



# 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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ADDRESS:  
558/8, Kalugamuwa, Gelioya  
Kandy, Sri Lanka.

## SOCIAL

 LinkedIn : [@firnasahmed](#)  
 GitHub : [@firnasahmed](#)  
 Twitter : [@firnas\\_ahmed](#)

## PROFESSIONAL EXPERIENCE

### Stalione Group – Full Stack Developer

2024 – Present

- iBarking – AI-Integrated Application  
(*React Native / Wav2Vec2 Model*)  
Developed an AI-powered app to detect barking sounds using the Wav2Vec2 speech model.
- DUBPC – Down Under Backpacker Cars  
(*React Native / Laravel | MySQL*)  
Contributed to a mobile and web app that connects car sellers with backpackers in Australia and New Zealand. [View Project](#)
- Pasofin – Finance Application  
(*Laravel / Bootstrap*)  
Revamped a cloud-based financial accounting system, enhancing usability and functionality. Worked as a full-stack developer throughout the project. [View Project](#)

### Orbit Softwares – Software Engineer

2023 – Present

- StockPulse - Billing & Inventory Management with POS  
(*ReactJS / PHP | Laravel | MySQL*)  
Developed a full-stack billing and inventory management system, including sales, purchases, stock management, and POS integration.  
[View Project](#)
- Bill Genius – Invoice Generator Mobile App  
(*Kotlin | Java | Android Studio*)  
Created a mobile app for quick and professional invoice generation, with export options. Available on Google Play Store and you can download the [app here](#)

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

2022- 2023

- Developed and coded the Oxygen Concentrator machine.
- Designed and implemented an IoT-based home electrical control system using Firebase, Arduino NodeMCU, and an Android application.
- Created a virtual book launch platform for the National Engineering Research Symposium (NERS), including website development and a virtual book environment.

### Pearl Group Hotels (PVT) LTD – Software Engineer

2021–2022

- Led the development of a Hotel Management System, showcasing skills in React, JavaScript, PHP, Laravel, and Python.

### Dot Tech Software – Associate Software Engineer

2020–2021

- Collaborated on 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.

## 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)

New York, USA.

[mohamedafham@meta.com](mailto:mohamedafham@meta.com)

+1 (646) 270 2109

### MR. JM NIWAS

Director

### BCAS Kandy Campus

[niwasjm@gmail.com](mailto:niwasjm@gmail.com)

(0094) 77 763 4508

## EDUCATION

### BTECH (Hons) Engineering (R)

#### The Open University of Sri Lanka

Proceeding the 4<sup>th</sup> 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 Higher National 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

## 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 – Gelioya (Affiliated with Ministry of Youth Affairs)
- Coordinator at Past Pupils' Association of Kalugamuwa Central College, Gelioya