Bawantha RAJAPAKSHA
Undergraduate Student

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As a computer Science engineering student my objective is utilize the CS concepts in engineering way and overcome day to day issues. I am eagerly waiting for such an opportunity to prove myself and ultimately become a successful entrepreneur

🎓 EDUCATION

2016-2020 University of Moratuwa, Sri Lanka
> BSc. in Computer Science and Engineering

2015-2016 Esoft Metro Campus
> Diploma in IT

2006-2015 Ananda College Colombo
> GCE A/L -Physical Science(All island 169)
>> Maths A
>> Chemistry A
>> Physics A

☰ SKILLS

Programming languages	Java,C#,C++, JavaScript,Typescript CSS,Less,HTML,DART,SWIFT,PYTHON,LATEX,
Frameworks	Spring,React, Flutter ,Django,Flask, Apache Superset
Database	MySQL,PgSQL,MongoDB
CICD	Gitlab CICD
Development tools	Android Studio, Unity 3D, IntelliJ Idea, Xcode, Visual Studio Code, Maven, git,
Other	Kafka,Firebase,AWS,Heroku,Azure,Open CV,ELK

💼 EXPERIENCE

March 2021 Cont. Software Engineer , CODEGEN INTERNATIONAL (PVT) LTD , UK
> Working on Spring based back end development
> Developing Ionic and Flutter Based mobile apps

`Java` `Spring` `Angular` `Oracle` `Flutter` `Ionic`

March 2021 Aug 2021 Software Developer - Contract , PREVENTA MEDICAL , USA
> I'm working on converting existing site to fully functional flutter web site

`Flutter` `Firebase`

June 2019 March 2021 Freelance, RIORA INNOVATIONS, Sri Lanka
> Building Mobile/Desktop applications,IOT devices for customers.
> SMS automatons app for customer
> Shopping App with image processing for a customer.
> Taxi Management Systems
> Mobile Games/Apps for play-store.
> flight training app

`C#` `Java` `Flutter` `Unity` `Android` `iOS` `Swift` `Flask` `React`

June 2019 Dec 2019 Trainee Software Engineer, MITRA INNOVATIONS, Sri Lanka
> I worked on captive portal based hardware solutions for WIFI marketing strategy
> Worked on university management system
> Worked on building data visualization framework

`Raspberry PI` `Express JS` `MongoDB` `AWS` `Flask` `PgSQL` `Docker` `Micro services` `Superset`

🖥 Projets

FYP - Threat Detection using Realtime DNS Queries   2020 - Cts
🔗 github.com/bawantha/Realtime-monitoring-of-dns-traffics
Group Detecting and predicting cyber threats by analysing DNS queries using machine learning models in real time.

`Java` `Python` `Kafka` `ELK`

Payhere payment gateway for flutter   2020-Cts
🔗 https ://pub.dev/packages/payhere_flutter
Individual Sri Lankan Flutter community didn't have the way to use famous Payhere payment integration to their apps, So I decided to build this plugin to help community. This is wrapper around native Payhere SDK

`Java` `Android` `Dart` `Flutter`

Mobile game for kids   2019
🔗 github.com/bawantha/AR-table-tennis
Individual This is my Semester 5 Software engineering project my task was to create a mobile game that can increase physical activity for kids, I have used AR technologies and create AR table tennis game, player need to move play table tennis.

`C#` `Unity` `Google's AR Core`

Face Scan Makeup   2020-Cts
🔗 github.com/bawantha/face-scan-makeup
Individual Created this for makeup artist who wants to apply makeups for face lips, eyebrows, etc. This app can scan face and apply makeups to the face.

`Python` `Flask` `Open CV` `Image Processing`

OOP treasure hunt game   2016 - 2017
🔗 github.com/bawantha/OOSD-Lakenozama
Individual This project is done by me to demonstrate and utilize four OOP concept in command line based game project is done using Java SE.

`Java` `VSCode` `IntelliJ Idea`

Exhibiton Guide   2020
🔗 github.com/bawantha/ExhibtionGuide
Group This is semester 7 mobile computing module group project, the idea was to utilize hardware resources in mobile phone and create an app, in this demo we came up with idea to guide people who are in Indore exhibition using WI-FI.

`Android` `Wi-Fi` `Mobile app` `Firebase`

Medical channeling website for Medical Center   2017 - 2018
🔗 github.com/limetreeestate/BINS-medical-center
Group : To enhance the skill of object oriented software development we did this project my contribution was stick with UI design and add business intelligence to medical center

`CSS` `HTML` `Google BI` `MySQL DB` `Google Sheet` `IntelliJ Idea`

Interactive prescription bill writer for doctors   2017 - 2018
🔗 github.com/bawantha/Doctor-channel
Individual : When we doing our medical channeling web I thought doctors might not like to use fill text boxes and put check-boxes so I developed this website where doctor can acctually write there prescription using device like touch pen

`CSS` `HTML` `JavaScript` `intelliJ Idea`

Hand Wash Reminder   2020
play.google.com/com.riorainnovations.hand_wash_reminder
Individual : Build this in COVID-19 pandemic, This app reminds user to wash their hand regularly and stay safe from Covid-19.

`Android` `Flutter` `Firebase`

👤 Leadership

> National Cadet Corps (Sri Lanka)-School Air Cadet
>> All island 3rd - 2012
>> All island 5th - 2013
> IEEE computer society student branch (2019) - president
> Batch representative department of Computer Science and Engineering
> Official Carrier fair fiance comity lead
>> I led a group of finance comity in our university carrier fair 2017

👤 Volunteering

> IEEE Student Branch university of Moratuwa
>> Co-chair IEEEXtreme12.0 programming competition in our University
>> Co-chair MORAXtrme4.0 programming competition in our University
>> Student Ambassador IEEE inovation nation university of Moratuwa
>> Organizing Committee (Logistic) IEEE SS12 pilot competition
>> 4th international research conference (MERCon) in our university (PR)

🌐 LANGUAGE

English ●●●●○
Sinhala ●●●●●

🎮 HOBBY

› Gym
› Jogging alone the road
› PC games