



# PINSARA WEERASINGHE

Computer Science and Engineering  
(Undergraduate)

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## EDUCATION

### University of Moratuwa

BSc (Hons) Computer Science and Engineering  
Undergraduate - Semester 7

### Mo/Malwaththawala National School

Combined Mathematics - A  
Physics - A  
Chemistry - A  
District Rank : 2 | Z score : 2.3135  
Jan 2001 - Aug 2014

## SKILLS

### Technical Fields

- Mobile Development
- OOP
- Web Development
- Data Mining
- Machine Learning

### Languages and Databases

- Java
- Python
- Dart
- Android
- HTML
- PHP
- Firebase
- MySQL

### Tools, APIs and FrameWorks

- Git
- Maven
- Jmeter
- Solr
- Flutter
- Spring Boot
- Flask
- Spark

## CAREER OBJECTIVE

I am a self-motivated individual with a good skillset who has experience in Web development and mobile application development. I am seeking opportunities to improve my technical skills and pursue a successful career in software engineering while offering the best to the organization as a good team player.

## EXPERIENCE

### Final Year Project

APRIL 2020 - Present

- **Data-Driven Individual Taxi Driver QoS Analysis & Evaluation in Ride-Hailing Services**

Exploratory research for data-driven individual taxi driver evaluation in ride-hailing services. Going to evaluate their quality of service Individually and rank the drivers based on the score that is calculated according to quality measurements.  
Spark | Data Analytics | NLP

### Global Market Technologies (Pvt) Ltd

JUNE 2019 - DECEMBER 2019 | Internship

- **Search Services System using Apache Solr**

Developed a fast Search services System using Apache Solr to reduce the Database information retrieval cost. The system can upload and retrieve data by REST API. Optimize by Doing Load tests in the system.  
Solr | Spring Boot | Java | Maven | Jmeter

- **Alert Generation System**

Implemented Alert Generating mechanism to an existing product in back-end. Made a way to generate reminder emails for some event that subscribed by the users with considering their criteria.  
Java | Maven

## STRENGTHS

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Teamwork

Leadership

Creativity

Adaptable

Quick Learner

## EXTRA-CURRICULAR

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### "Decrypt" 2018 (CSE Open Day) -

#### University of Moratuwa

Member of Organizing Committee of CSE Open Day.

### Literature association -

#### University of Moratuwa

Member of Organizing committee of "Dedunu Ganthota" event by Literature association.

### School Prefect - 2011

Member of School prefect board in 2011

## REFEREES

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### Dr. Amal Shehan Perera

Senior Lecturer

Department of Computer Science and Engineering

University of Moratuwa,

Sri Lanka.

shehan@cse.mrt.ac.lk

### Mr. Gayanath Senanayake

Head Of Market Data Services at Global

Market Technologies (Pvt) Ltd

Global Market Technologies (Pvt) Ltd

Level 6,

Browns Capital No.19,

Dudley Senanayake Mawatha,

Colombo 08,

Sri Lanka.

s.gayanath@theglobalmarketaccess.com

- **Log Reading tool**

Developed a simple tool to extract simple readable reports with filtered data for encoded log files to analyze data and find the issues in the system.

Java | Maven

- **Feed Comparison Tool**

Extend a tool for compare two feeds of the same source feeds. This tool is already created for only one message type. It extended for other message types that use in the system.

Java | Maven

- **Implementation of data validating Plugin**

Implemented a plugin to detect abnormal behaviors in the data streams. Using existing technics got the data from the main source and validate it. That process was implemented as a plugin to the existing system.

Java | Maven

## Fcode Labs (Pvt) Ltd

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MARCH 2020 - JULY 2020 | Internship

- **Alt+it, Process automation software for MAS Holding (Pvt) Ltd**

MAS Holdings holds some sessions to evaluate the quality of the wears they made. Developed the Mobile app that Automated the entire process of scheduling, taking measurements, adding comments, recording, uploading photos, etc.

Flutter | Dart | Firebase

## Semester Projects

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JUNE 2017 - Present

- **Train Track**

Android application with an online python back-end server and Firebase database. Users can see the actual locations of the trains. for that using GPS of other users.

Android | Java | Python | Firebase

- **E-Commerce-Platform**

Made single vendor E-Commerce Platform with all main functionalities of an E-Commerce platform with Front-end and Back-End mainly focused on the development of Database.

MySQL | Node.js | HTML

- **SEA System**

Made an online System for a Student and Examination Administration Department. It has a lot of functionalities such as Students Registration for Examinations, Lectures give Assignments to the students...etc. with front-end and back-end.

HTML | PHP | MySQL

## Free Lancing Projects

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JANUARY 2019 - Present

- **Electricity Breakdown Reporting System**

Made an Android application and web-portal to report electricity breakdowns to the relevant authority. The report can attach location and comments with photos. Authority able to check the report and assign to the relevant person in the maintenance department.

Android | PHP | MySQL