







# 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
- 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 decent 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**

An 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 score that 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. System able to 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 a existing product back-end. Made a way to generate reminding emails for some event that subscribed by the users with considering there 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)

Member of Organizing Committee of CSE Open Day in University of Moratuwa.

### "Dedunu Ganthota" 2018

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

### School Prefect - 2011

Member of School prefect board in 2011

## REFEREES

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### Dr. Amal Shehan Perera

Senior Lecturer - Dept, of Comp. Sc. & Eng  
University of Moratuwa,  
Moratuwa 10400,  
Sri Lanka.  
shehan@uom.lk

### 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 8,  
Sri Lanka.  
s.gayanath@mubasher.net

### • Implementation of data validating Plugin

Implemented a plugin for detect abnormal behaviors in the data streams. Using a existing technics got the data from main source and validate it. That validation part implemented as plugin to the existing system. Unable to finish this project because lack of time.

Java | Maven

### • Log Reading tool

Developed a simple tool to extract simple readable report with filtered data for encoded log files to analysis 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 has to extend for other message types that use in the 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. 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 online python back-end server and Firebase database. User can see 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 development of Database.

MySQL | Node.js | HTML

### • SEA System

Made online System for a Student and Examination Administration Department. It has 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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### • Electricity Breakdown Reporting System

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

Android | PHP | MySQL