



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

- **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

- **Search Services System using Apache Solr**

Develop 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 System to IR Workspace that is an internal service supplying the project. Made generate reminding Alert for Corporate actions and Calendar Events to each mail subscribers.
Java | Maven

STRENGTHS

Teamwork

Leadership

Creativity

Adaptable

Quick Learner

EXTRA-CURRICULAR

"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

Dr. Amal Shehan Perera

Senior Lecturer - Dept. of Comp. Sc. & Eng
Director - DataSEARCH - Data Sc., Eng. & Analytics Research Centre/Hub
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,
Borella.
s.gayanath@mubasher.net

• Implementation of Data Validator Plugin for RTDatanamager

Implemented a plugin for abnormally detection. Using Phoenix Instance got the data from Quate Server and validate it. That validation part implemented as plugin to the RTDatanamanger. Unable to finish this project because lack of time.
Java | Maven

• MedLogReader tool

MED Server is used by clients to get feeds. That's hard to read logs in that server. Developed a simple tool to extract readable report with filtered data to analyses.
Java | Maven

• FeedComparison Tool Development

Extend a tool of compare two analyzers' feeds of the same source feeds. This tool is already created for only Stock messages. It has to extend for other message types.
Java | Maven

Fcode Labs (Pvt) Ltd

• 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

• 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

• 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