

W. Tharindu Darshana

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Github: github.com/MaxIndu/

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PERSONAL STATEMENT

An enthusiastic, innovative, adaptable computer engineering undergraduate who loves to code, develop, design & share knowledge.

SKILLS

Theory	: Programming, Data Structures, Data Mining, AI, Database Design & Implementation, OOP concepts & implementation, Security, Software Testing
Languages	: Java, JavaScript, MySQL, C, C#, Python, HTML, CSS, SCSS, OCAML, PHP, Android, XML
Database	: MySQL, Jetty, JSON, Familiar with MongoDB, Couchbase
Frameworks	: Spring MVC, JPA, Hibernate, Java Servlets, Django, Bootstrap, Foundation, JQuery, Grunt, Gulp, Webpack, Angularjs, Reactjs
Testing	: Selenium, JUNIT
Version Control	: Git, TFS
Build & Package Control	: Maven, Gradle, NPM
Development Methods	: Agile, Kanban
Tools	: Sublime, Eclipse, BASH, IntelliJ products, NetBeans, Android Studio, Emmet
Others	: AJAX, REST
Operating Systems	: Linux Family

EXPERIENCE

I worked as trainee software engineer at [Auxenta \(Pvt.\) Ltd](#) in my internship period. In this period I worked on two projects;

- C# based test automation suite for stock market controller platform named [Tradestation](#). (C#, VS, TFS, OOP)
 - [eMedHelp](#): Spring MVC based online consulting web application. (Spring MVC, MySQL, Database Design, JPA, Java EE, HTML, CSS)
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EDUCATION

Bachelor of Science of Engineering (Com. Eng.)

Current GPA: 3.25

University of Peradeniya (2013-2016)

(Currently in Final Year)

School Education:

Gankanda Central College, Pelmadulla

GCC A/L: 2011

GCC O/L: 2008

PROJECTS

WiSMS is an Android application that access and send messages from a mobile through Wi-Fi connected PC or laptop. The mobile application acts as REST server by giving access to mobile contacts and messages through a web interface.

Technologies: Java, Android, HTML, CSS, Data Structures, Network security

Contribution: Overall design & implementation

SSH bots blocker: A java application that prevents SSH bot attacks a web server. It blocks SSH bots by analyzing the log file for frequent unsuccessful login attempts to identify possible bots and blocks them using the system firewall (iptables) and notify them to administrators.

Technologies: Java, Android, HTML, CSS, Data Structures, GeolP

Contribution: Overall design & implementation, Front-end development

A Portable Spectrometer to measure nutrition content of foods (Final Year Project). By identification of the content of foods and easy classification of them, the product helps to customers to maintain good health. The product consists of a low-cost spectrometer to collect data from a specimen and back-end server that process & present results.

(Under development)

Technologies: AI, Data Mining, Python, Django, HTML, CSS, Raspberry PI, Spectroscopy

Contribution: Overall design & implementation

Pizzee - An online pizza delivery system that acts as a customer order management & delivery management web application for a local pizza shop. (CO226 Database Systems project)

Technologies: PHP, MySQL, HTML, CSS

Contribution: Database design & implementation, Front end development

A blog system that allows registered users to post contents and those contents are controlled by an administrator. (CO324 Network & Web application design project)

Technologies: Java EE, Java Servlets, JSP, JSON, HTML, CSS, Bootstrap

Contribution: System design, Data binding & database design, Front end development

Blind Walker is a tool that identifies path ahead of it, and according to that information guide the user using audio output. The device can be adjusted on the waist of the user which has three basic ultrasonic sensors to help him to find a path.

Technologies: Galileo Gen 2, Arduino C, Data Structures

Contribution: Overall System design, Hardware design

ACHIEVEMENTS

- Participated in ACES coders as a team member (2014, 2015)
- Participated in ACES Hackathon as a team member (2014, 2015, and 2016)

CERTIFICATES & MEMBERSHIPS

- Student member of Institution of Engineers, Sri Lanka(IESL)
- Vice President of the Hackers Club, Faculty of Engineering
- An active member of Association of Computer Engineering Students (2014-2016)

EXTRA CURRICULAR ACTIVITIES

- An open source contributor (Elementary OS)
- [A frontend web developer](#)
- A graphic designer & 3D modeler
- A table tennis player
- An artist

REFERENCES

Dr. Manjula Sandirigama

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