Ruban Selvarajah

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ENTRY-LEVEL SOFTWARE DEVELOPER

❖ **Honors student of Universiti Tun Hussein Onn Malaysia (UTHM)'s BCompSc majoring in Software Engineering.** Academic credentials are reinforced by programming experience gained during internship with GATES IT Solution Sdn Bhd.

❖ **Consistently commended by professors and internship coach** for programming abilities, grasp of multiple technologies and attention to detail.

❖ **Strong knowledge of object-oriented programing** and application development using PHP and Java.

❖ **Known as a self-starter,** team player and curiosity coder--always strives to exceed expectations.

Education

UNIVERSITI TUN HUSSEIN ONN MALAYSIA — Batu Pahat, Johor, Malaysia
Bachelor of Computer Science (Software Engineering) ❖ 2013 - 2017 ❖ CPA: 3.94/4.0

❖ *Honors:* Microsoft Certified Technology Specialist: SQL Server 2008 Implementation and Maintenance, CPRE FL, Finalist at MSTB Software Test Design Competition 2016,

❖ *Course Highlights:* Web Development, .NET Programming, Software Architecture and Design, Human Computer Interaction, Software Project Management, Requirement Analysis and Design (CPRE FL coursework), Software Quality Assurance (CTFL coursework)

Working Experience

GATES IT SOLUTION SDN BHD — Johor Bahru, Johor, Malaysia
System Analyst Programmer, August 2016 to January 2017

Selected for a competitive over-the-semester industrial training program that extended to a six month internship. *Selected accomplishments:*

❖ Handled web system development using Laravel 5 and Oracle 11, working an average of 45 hours per week as part of a collaborative, fast-paced SCRUM team. Exposed to writing reusable, extensible code using MVC while meeting business requirements.

❖ Revamped UI/UX using web design best practices with the aid of technologies such as the Bootstrap framework and JQuery (AJAX primarily).

❖ Resolved most front-end performance and technical issues by leveraging strength in coding, debugging and integration testing.

❖ Involved in all stages of development cycle including requirement elicitation with clients, testing and design as well as development.

Technology Summary

❖ *Programming Languages:* PHP; HTML5, CSS3, JavaScript; Java; VB.Net; C#.Net; C/C++

❖ *Database Management:* Oracle 11, MySQL, MS SQL Server 2008 R2

❖ *Tools and Frameworks:* Laravel 5.x, Git, SVN, JasperReports, JQuery, Microsoft Visual Studio

Languages	Expected Salary	Date of Availability
❖ Fluent in English, Malay & Tamil	❖ Entry-level pay	❖ Immediate

Selected Projects

GATES IT Internship Project

Title: GATES-HRMS (Web)

A single day hackathon project for the second assessment of internship by GATES IT Solution and MDEC. Built a Human Resource Management System using Laravel 5.2 and JasperReports based on specified use cases.

❖ Concise MVC based project that also applies database migration.

❖ Applied domain, sub-domain routing with namespacing to accomplish independency between the frontend portal and the backend system.

Project Repository: github.com/Zyten/gates-hrms

Final Year Project

Title: Realtime Dust Monitoring System

(Web | Mobile | Arduino)

Developed a dust monitoring system with companion native Android application and web portal using the prototyping model.

❖ Developed a simple API-based server structure that allows the single-page Javascript web portal to access sensor data without the site itself needing a backend.

❖ Built a UI/UX focused application by learning and applying the latest trends in Android development

❖ Took initiative to gain more insight on the electronic and environmental aspects of the project by engaging staff and students from other faculties.

❖ Succeeded in setting up a LAMP-stack in DigitalOcean VPS server from scratch.

❖ Experienced setting-up SSL using LetsEncrypt certificate authority.

Project Repositories:
- Android App   : github.com/Zyten/dmon-app

- Arduino   : github.com/Zyten/dmon-duino

- Web Portal   : github.com/Zyten/dmon-web

MDEC GEMS-SSO Training Programme

Title: GATES eCampus (Web)

A team project developed over the course of a semester under a weekend-training programme hosted by GATES IT Solution and MDEC. Built a Campus Management System with Spring Web MVC 4.0.1, Hibernate 4.3.1 and JasperReports.

❖ Exposed to report design and generation using JasperReports

❖ Exposed to Subversion SCM using TortoiseSVN.

Project Repository: github.com/Zyten/eCampus