



# RASELA THARAKA

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## OBJECTIVE

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To strive for Excellence in the field of Computer Science to utilize my knowledge and skills in the best possible way and to have the maximum exposure to the Technological, Management and Marketing aspects in the professional environment while developing novel skills and capabilities through an innovative career.

## EDUCATION

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**University of Moratuwa, Sri Lanka | March 2007 – Dec 2011**

Honors Degree of Bachelor of the Science of Engineering

Department of Electronic and Telecommunication Engineering

**Cardiff Metropolitan University, UK | March 2015 – October 2016**

Degree of Master in Business Administration

## PROFESSIONAL QUALIFICATIONS

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**Oracle Certified Associate, Java SE 7 Programmer (OCAJP)**

Nov 2013

**Cisco Certified Network Associate (CCNA) Routing and Switching**

Nov 2010

## KEY SKILLS

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### Languages

C++, Java, C#, Javascript, SQL, UML, HTML& CSS

### C++ Libraries

STL, Crypto++, log4cpp, boost, libMySQL, SQLAPI++

### Frameworks

Spring, Hibernate, AngularJS

### Complete Java/JEE Stack

Spring Technologies, SOA (SOAP, REST), Hibernate

### Databases

MS SQL Server, MySQL, SQLite, Oracle, MongoDB

### Development Environment

eclipse, Netbeans, SVN, gcc and makefile, Doxygen, Jira

### Debugging & Analysis

The GNU Project Debugger (GDB), Valgrind, DDD

### Operation Systems

Windows, Linux, OS X

### Project Building

Maven

### Web Containers

Apache Tomcat, GlassFish, JBoss Application Server

### Web Servers

Apache, NginX

### Reporting

Velocity

### Others

OOA/OOD (Design Patterns, Refactoring), Networking, Reverse Engineering

## PROFESSIONAL EXPERIENCE

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### Technical Consultant

February 2014–current (2 years 9 months)

Senior Software Engineer

Auxenta Inc

#### Responsibilities

- Responsible for architectural design and development of the projects with Spring and Hibernate to interface with different agency systems and operate collaboratively.
- Responsible for task management, issue management and delivery management of the projects.
- Manage risks, assumptions, issues and technical dependencies.
- Responsible for the quality of the delivery in terms of look and feel as well as functionality.
- Perform week reviews with team mates to estimate the project progression.

### Software Engineer

March 2012–January 2014 (1 year 11 months)

MillenniumIT | A member of the London Stock Exchange Group

#### Responsibilities

- Performed Maintaining, Bug Fixing, Change Request Implementing, Packaging, Releasing and 3rd level supporting for the following projects.
  1. Clearing Gateway for Italian Derivatives Market
  2. Clearing Gateway for Turquoise/Oslo
  3. Oslo Price Feeder
- Oslo Price Feeder Platform migration (Windows C# to Linux C++)
- Implementing and maintaining Utility Library which contains a number of useful classes. (FileIO, StringTokenizer, INIReader, DecryptINI)
- Technical documentation

### Engineer

July 2010–February 2012 (1 year 7 months)

CodingLabs

### Electronic Engineer (Intern)

March 2010 – September 2010 (7 months)

Airport and Aviation Sri Lanka (AASL)

Navigational Service Complex, Bandaranaike international Airport, Katunayake

#### Responsibilities

- Operational and maintenance task of Aviation related Communication, Electronics and Air Navigational Systems.
  1. Navigational Aids: ILS (Instrument Landing System), VOR (VHF Omni Range)
  2. Surveillance System: Radar Systems (Primary and Secondary Surveillance Radar)

## PROJECTS

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### **Fleetminder**

A complete development of SAAS based application, which can be accessed via web/ mobile. This project basically is replacing a legacy VB application to a multi-tenant SAAS based application allowing them to create multiple enterprises on the fly and do their business in more dynamic manner. This is a complete Fleet Management system with multiple stakeholder handling options.

### **LitIQ** for Lit IQ, Inc

This is a Microsoft word add-in; this helps lawyers to find out legal document related issues by proofreading and diagnostic the document. Lit IQ can detect drafting oversights ahead of time, limiting risk and the potential for disputes, because legal issues are becoming more technical and complex. LitIQ goal is to help lawyers produce their best work by minimizing harmful mistakes.

### **Bitcoin Bazaar** for Bay Coins, LLC

Bitcoin Bazaar is the easiest way to acquire Bitcoin, the leading crypto-currency, while still protecting users' privacy. The app lets users find buyers and sellers in their neighborhood, using location services from their mobile phone, and lets buyers and sellers transact using cash without needing to enter bank or financial information into the app.

### **Borsa Italiana** Italian Stock Exchange Products

During the period of time I worked at **MillenniumIT**, I have been engaging in the following Projects.

Clearing Gateway for Italian Derivatives Market

**Go Live:** 23rd April 2013

Clearing Gateway for Turquoise/Oslo

**Go Live:** 24th June 2013

Price Feeder

**Go Live:** 25th November 2013

### Replacing the Radio Links of Thomson ILS with Fiber Optic Line – **Currently in Operation**

Bandaranaike International Airport, Katunayake

The main objective is to design a hardware interface to replace the radio links of the Instrument Landing System with a Fiber Optic Link in order to avoid issues associated with the Radio link.

### Stock Management System – **Currently in Operation**

Ratmalana Airport, Ratmalana

The main objective is to develop a software for the Electronic Store of the Airport to keep all the receive entry details, request entry details and issued details about electronic components in the Store.

## RELEVANT COURSES

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(**University of Moratuwa**) Computer Systems, Introduction to Programming, Operating Systems, Principles of Object Oriented Programming (C++ & Java), Computer Organization, Computer Networks, Digital System Design

## PERSONAL PROFILE

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Full Name	: Mathara Arachchige Don Rasela Tharaka
Date of Birth	: August 01 <sup>st</sup> , 1987
Gender	: Male
Citizenship	: Sri Lanka
Civil Status	: Bachelor

## REFEREES

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Will be provided upon request.