

MILANI IMALKA ATHAPATTU

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OBJECTIVE

To work in a challenging environment in order to achieve organizational goals and also to contribute positively to the benefaction of my country in my best.

PERSONAL IDENTITY

Date of Birth : 10th April 1987

Citizenship : Sri Lankan

NIC : 876012022V

EDUCATION

Bachelor of Science in Computer Science 2009 – 2013

University of Colombo School of Computing (UCSC)

Swarnamali Girls College , Kandy 1993 – 2006

- **Advanced Level - 2008**
Passed A/L exam in Mathematics stream - 2 “B”s and 1 “C”
- **Ordinary Level - 2003**
Passed O/L exam with 7 “A”s 2 “B”s and 1 “C”

PROFESSIONAL QUALIFICATION

World Wide Technology Services PVT/LTD | Software Engineer

RESEARCH & DEVELOPMENT SECTION- JANUARY 2013 - PRESENT

“World Wide Technology Services” is developing Software solutions to foreign countries and Sri Lanka. Working nearly 8 months periods as a Software Engineer at “World Wide Technology Services” research and development section.

Codegen International PVT/LTD | Software Engineer- [Trainee]

RESEARCH & DEVELOPMENT SECTION- 6 MONTHS PERIOD

“Codegen” is the pioneer software development company in IT industry. Worked 6 months as an industrial Trainee at “Codegen” International Pvt (Ltd). Within that short time period gained lot of knowledge about Java and other technical stuff. Joined group projects and also completed the individual project successfully within this training period.

PROJECT EXPERIENCE

Automated Process of Identifying Tuberculosis in Ziehl Neelsen Stain

This is 4th year individual research project. Main objective is to develop an automated digital image analysis system for identification of the Mycobacterium Tuberculosis bacteria in a given smear after Ziehl–Neelsen stain by using direct light microscopy.

Technologies used in the project:

- ✚ Matlab
- ✚ Computer Vision and Image Processing

Codegen Barter System:

This is a **mobile application** and as well as a proof of concept. The system consists of various kinds of service providers. Each of them provides services to others and consumes services from other service providers. The payment is done using “points”. Users earn points for the services they provide while spending them to consume services from others. A GPS based application shows users about other nearby service providers on the go. In this application I had contributed to the back-end development.

Technologies used in the project:

- ✚ Google App Engine Tool Kit with Datastore
- ✚ Java, JSP/Servlet
- ✚ JSON object passing

“TravelMemo” Facebook Application

Individually have done a project which develops a **Facebook application**. The major purpose of the application is Hotel reservation. People can share the details of hotels they visited. Then others can see that information and book hotels through the application. Also they can search the hotels by location and they do the booking process through the facebook login.

Technologies used in the project:

- ✚ Java, JSP/ Servlet
- ✚ Facebook API (Javascript SDK and Java restFb)
- ✚ JavaScript, HTML/CSS
- ✚ MySql
- ✚ AJAX

Hotel Reservation Application

Individually done a project which handles hotel accommodation bookings on behalf of customers. In this application get paper contracts from hoteliers with room types, number of rooms and rates. Then sell those hotel rooms to travelers.

Technologies and Tools used in the project:

- ✚ Java
- ✚ Oracle database
- ✚ Ant build tool with eclipse

LAVA Project (Lecturer Availability)

Member of the group which developed a real time Lecturer AVAilability indicator and a report generator to support the students and the staff. This will include a web component and a mobile component to enhance the ease of use and the flexibility.

Technologies and Tools used in the project:

- ✚ Java, Servlet/JSP
- ✚ Android SDK
- ✚ Google API
- ✚ MySql

EXTRACURRICULAR ACTIVITIES

As an undergraduate

- ✚ Member of the IEEE society.

As a school student

- ✚ Member of prefects' court of Swarnamali Girls college Kandy 2005-2006
- ✚ Member of under 15 Netball team
- ✚ Member of Astronomy Society

INTERESTS

- ✚ Mobile Application Development
- ✚ Information Security| Cryptography
- ✚ Cloud Computing

REFFERIES

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Computing

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