

# CHATHURI SENEVIRATNE

KANDE WALAWWA · WEWALA · HIKKADUWA  
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**EXPERIENCE**    **One Year(+) Experience as a Golang Developer**  
**One Year Experience as a Java Developer**

**EDUCATION**    **MSc Software Engineering (Distinction)**  
**BSc Business Information Systems (First Class)**

## PERSONAL PROFILE

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A Software Engineer with knowledge of software design and development using the languages **Golang & Java**, plus strong analytical and interpersonal skills developed through academic studies and industry experience of more than two years. An effective team player seeking a challenging role in the industry with opportunities to learn and improve.

## EDUCATION

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PERIOD	Sep 2012 — Nov 2013
DEGREE	MSc Software Engineering
RANK	With Distinction
UNIVERSITY	University of West London <span style="float: right;">London, UK</span>

MAJOR	Distributed Application Development	UML Component Modelling
MODULES	Advanced Topics in SE	Interactive System Prototyping

**PROJECT**    Multi Agent Knowledge Acquisition using Twitter feeds. Developed a multi agent system to acquire Twitter feeds for a given domain, which is then transformed to a Knowledge Extraction Workbench for further knowledge analysis.

PERIOD	Sep 2008 — Sep 2012
DEGREE	BSc Business Information Systems
RANK	First Class Honours
UNIVERSITY	University of Westminster <span style="float: right;">London, UK</span>

MAJOR	Rapid Application Development	Database Management Systems
MODULES	Data warehousing & Mining	Information Technology Security

**PROJECT**    Pervasive Computing - A solution for elderly care. Developed an application to resemble pervasive computing environment using ontology and OWL API.

## WORK EXPERIENCE

PERIOD	<b>Feb 2014 — Present</b>	
EMPLOYER	<b>Vauda Inc</b>	Ja-Ela, Sri Lanka
JOB TITLE	<b>Software Engineer</b>	
LANGUAGES	<b>Golang</b>	
ENVIRONMENT	<b>Mac OS</b>	

PROJECT	Wojka
	Development of a website for Home Services (wojka.com)
KEY TASKS	Modularized & reusable package development in order to cater the needs of the website focusing on code re-usability. Solar Search implementation with Geolocation support. Migration of Data from Neo4j to PostgreSQL. Research & Development of BigData to support analysis of user behaviour on the website. Implementation of Elastic Search. Mailchimp & Mandrill email sending implementation.
ENVIRONMENT	Golang, HTML5, CSS, JQuery, Neo4j, PostgreSQL, Solr, Elastic Search

PERIOD	<b>July 2010 — July 2011</b>	
EMPLOYER	<b>hSenid Mobile Solutions</b>	Colombo, Sri Lanka
JOB TITLE	<b>Graduate Trainee</b>	
LANGUAGES	<b>Java</b>	
ENVIRONMENT	<b>Linux - Fedora</b>	

PROJECT	Virtual City - Provisioning
	Development of a web portal used to configure and control this Value Added Services provided by a Telco.
KEY TASKS	Research on Liferay web portal and carry out the feasibility of the provisioning requirements to implement with Liferay. Implement portlets for provisioning and handle inter portlet communication. Prepare release notes and do releases for testing.
ENVIRONMENT	Java, Vaadin, Maven, Liferay, MongoDB, Spring, TestNG

PROJECT	Dialogic MAP-API
	A R&D project to support both SMS and USSD messaging.
KEY TASKS	Implement USSD message sending after studying the existing program written in C and implement a MAP API common for both SMS and USSD message sending.
ENVIRONMENT	Java, C, JNI, Dialogic Stack, Wireshark

PROJECT	SMPP Framework
	A project to support data transfer between Message Center and External Short Message Entities for both SMS and USSD message sending.
KEY TASKS	Design User Interfaces in Vaadin to configure SMPP framework behaviour and implement USSD and SMS message sending within the SMPP framework.
ENVIRONMENT	Java, Vaadin, Maven, Spring, TestNG, Wireshark, Netty Server

## SKILLS

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<b>Computer Languages</b>	Golang, Java, Scala
<b>Web Development</b>	HTML5, CSS, JQuery, JavaScript, PHP
<b>Application Frameworks</b>	Spring, Vaadin (Web Application), Liferay (Web Portal), Solr & Elastic Search (Search Platforms)
<b>Databases</b>	MySQL, PostgreSQL, MongoDB, Neo4j
<b>Operating Systems</b>	Windows XP/7, Linux - Fedora, Mac OS
<b>Development Tools</b>	Mvim, NetBeans, IntelliJ IDEA, Eclipse
<b>Build Tools</b>	Maven, Ant

## PUBLICATIONS

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- 2013 C N Seneviratne, C S Sauer, and T Roth-Berghofer. Agent-based Knowledge Acquisition for the SEASALT Apprentice Agent using Twitter Feeds . 18th UK Workshop on Case-Based Reasoning (UKCBR), 2013.

## REFERENCES

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References and letters of recommendation available upon request.