

Bhagya Nirmaan Silva

CONTACT 01, Station Road, Wellawatte
Colombo 06
Sri Lanka

E-mail: bhagyasilva124@gmail.com
Website: <http://about.me/bhagyas>
Phone: +94 (0) 71 603 3113

INTERESTS Developer Relations, Technical Leadership, Product Design, Application Architecture, Research and Development

ABOUT I love designing, documenting and building APIs + engaging with developers to build platforms and applications that scale.

Also passionate about open source software, developer experience and developer relations with a keen interest on research and development while ensuring solid choices in latest technologies.

WORK EXPERIENCE **Zaizi** **June 2012 — Present**
Senior Software Engineer

Roles played : Technical Lead, Architect

- Played multiple roles as Architect, Technical Lead for customer and internal projects.
- Assisted and conducted on-site requirements gathering, requirements analysis and performed estimations.
- Provided technical leadership to open source projects that are used in managing government information systems in United Kingdom.
- Designed, built and supported integrations for the system including authentication systems using OAuth and Google authentication.
- Designed, built and supported real time mobile push notification systems.
- Designed and implemented REST APIs for mobile clients.
- Designed and built solutions for secure online collaboration and content sharing.
- Designed and implemented complex data models, business workflows and rules for enterprise content repositories.
- Developed test plans for testing the solutions and created automated test suites for functional and performance testing.
- Handled production issues and change requests that required changes to the system codebase.
- Performed setting up pre-production environments and validated production environments for running the systems.
- Performed complex user interface customizations and built content repository visualization capabilities using d3.js and Simile by MIT.
- Trained and mentored developers on the system and the development framework.
- Organized and successfully carried out a knowledge sharing program for the developers.
- Organized and conducted sessions at public meetups and developer conferences on behalf of the company.
- Interviewed and assessed candidates and conducted the hiring processes for the local office in Colombo.

Redpill-Linpro AB **January 2012 — May 2012**
Consultant

- Was trained in Sweden and worked as a product expert for the Alfresco Enterprise collaboration platform for clients including Uppsala University, Swedish Railways (SJ, formerly Statens Järnvägar) and the leading CAD related company in the Nordics.

- Assisted on performing estimates for implementations and customizations.
- Designed and implemented platform customizations for Scandinavian clients (Norway, Sweden and Denmark)
- Designed and implemented RESTful APIs for integrations with other systems.
- Designed and implemented enterprise content search customizations based on Apache Lucene and Solr.
- Integrated server monitoring and user tracking systems.
- Created the first open source enterprise gamification platform for Alfresco.
- Configured and tested enterprise authentication systems with the system.
- Contributed and took part in hackathons and workshops conducted in Sweden.
- Contributed to open source initiatives within the company.

Information Systems Associates (ISA Aviation)

November 2011 — December 2011

Software Engineer

- Designed and implemented customizations for the AccelAero Internet Booking Engine (IBE) for low cost airline carriers.
- Developed modules for managing travel agent bookings through the system.
- Collaborated with a large team of developers in an agile development environment.
- Assisted with estimates for the project managers and technical leads.

John Keells Computer Services

September 2011 — May 2012

Solutions Developer

- Played multiple roles as Solutions Designer and Software Engineer for projects.
- Designed and developed online booking engines and web based enterprise applications using Java, Spring Framework and related technologies for airlines and hotels.
- Assisted with project and task estimates and consulted as an expert on online booking engines and their user experience.
- Contributed to the internal application development framework which was built atop Javascript, JSP, Freemarker, Struts MVC and HTML.
- Designed and built integrations for online payment gateways with the systems.
- Developed rapid prototypes for customer demonstrations with complex user interfaces and visualizations.
- Mentored and managed a team of over 8 interns for building a separate reporting module for the system.

John Keells Computer Services

July 2010, December 2007 —
August 2011

Associate Solutions Developer, Executive

- Developed and tested a holidays reservations system which included flights, hotels, cars and excursions bookings for AirArabia - the largest low cost airline carrier in the Middle East and North Africa.
- Developed for a complex message parsing system for a leading Scandinavian airline.
- Tested setting up of a server cluster with IBM Websphere.
- Helped test a content management system and localization features for a leading Norwegian ice cream manufacturer.
- Conducted training sessions and mentored the interns.
- Provided usability research and recommendations for improving the user experience for online booking engines.

EDUCATION

Bachelor of Science (Honors) in Computing with Software

September 2007 — August 2011

Engineering Specialization

University of Wales, United Kingdom

- Graduated with First class honours.
- University Gold medal for best academic performance awarded during the graduation.
- Studied under a full work-study scholarship.

Thesis / Final year project:

Automated judging system with universal language support and string similarity based results for programming contest organization and evaluation

SKILLS

Programming Languages

- Java
- Javascript
- Python

Libraries and frameworks

- Spring Framework
- Spring Roo

Technologies:

java, javascript, ant, apache, bdd, cron, css, cucumber, freemarker, gradle, hibernate, hql, html, jquery, json, jsp, junit, linux, lucene, maven, nodes, oracle, oracle10g, parsing, postgresql, rest, rhino, security, solr, spring, spring-framework, spring-mvc, sql, struts, struts2, usability, web-scripting, web-services, webscripts, xhtml, xml, alfresco, alfresco-share

OPEN SOURCE PROJECTS

roostrap - <http://bhagyas.github.io/roostrap>

A rapid application framework compilation built by putting together Spring Roo, Twitter Bootstrap and Google AppEngine libraries, roostrap allows developers to build and deploy gorgeous cloud applications in minutes. It's open source, free and available on github

Technologies: Spring Framework, Spring Roo, JSP, HTML, Javascript, CSS, Twitter Bootstrap, Apache Maven, Google AppEngine SDK, DataNucleus, JPA, Apache Tomcat

alfresco-visualization tools - <http://github.com/bhagyas/alfresco-visualization-tools>

Alfresco Visualization Tools (AVT) provides a platform to bring content visualization to Alfresco. It also includes dashlets to view and visualize content within Alfresco repositories using D3.js and Simile Project. The project includes collaborators from over 4 different locations.

Technologies: Spring Framework, D3.js, Javascript, HTML, XML, CSS, Alfresco, Alfresco Share, Spring Surf, Webscripts, Mozilla Rhino

movie-ranker - <http://bhagyas.github.io/movie-ranker>

An executable script written in Python which ranks and renames folders

based on IMDB movie rankings obtained through a web API.

Technologies : Python, Bash, REST API, JSON

spring-jsonp-support - <http://github.com/bhagyas/spring-jsonp-support>

Adds support for jsonp requests in Spring MVC controllers.

Technologies : Spring Framework, Spring MVC, Servlets, JSP, Apache Tomcat, Apache Maven, JSONP, JSON

spring-mahout-demo - <http://bhagyas.github.com/spring-mahout-demo>

A sample application that demonstrates integration of Apache Mahout machine learning and statistics library for a database backed, Spring based java web application.

Technologies : Spring Roo, Spring Framework, Apache Mahout, Apache Tomcat, Apache Maven

More projects are available at : <https://github.com/bhagyas>

AWARDS AND HONORS

- Peoples' Choice Award - Google Places API Developer Challenge (*Google, February 2013*)
- Winner of the Sri Lankan national nomination to the World Summit Awards 2013 under e-business and commerce category (*Sri Lanka Information Technology Agency (ICTA), April 2013*)
- Special Recognition award from Computer Society of Sri Lanka (CSSL) for the service rendered to facilitate training for students at National Schools Software Competition 2011, 2012 and International Schools Software Competition 2011, 2012 (*2011, 2012*)
- John Keells Group V-SPARC Individual Recognition Award (*John Keells Group, 2011*)
- Millennium All Island Robot Competition - Under 19 - 2nd Runner up (*Millennium IT, April 2007*)
- Young Computer Scientist - Senior Category - Silver Award (*Sri Lanka Association for Software Industry (SLASI), 2006*)
- Young Computer Scientist - Senior Category - Special Merit Award (*Sri Lanka Association for Software Industry (SLASI), 2006*)
- Young Computer Scientist - Junior Category - Merit Award (*Sri Lanka Association for Software Industry (SLASI), 2005*)
- eMaze and De Mazenod College Award for Excellence (*De Mazenod College, 2008*)
- Official Aardvocate (*Google, 2010*)

OTHER PROJECTS

GeoLanka - <http://www.geolanka.com>

Founded GeoLanka.com, an award winning localized search engine built for discovering advertisements and listings.

GeoLanka.com won the Google Places API Developer Challenge organized by Google. The award allowed me to travel to San Francisco to attend Google I/O Developer conference (2013 May).

GeoLanka is also currently nominated as the best e-Content example in e-

Technologies : Python, Google Maps API, Google AppEngine Python SDK, Fulltext Search, DOM parsing, Web crawling, Google Analytics, jQuery, Javascript, CSS, HTML, ScraperWiki, JSON, REST API, Mechanize, BeautifulSoup, Regular Expressions, Facebook and Twitter Sharing APIs, Twitter Bootstrap, Memcached, Angular.js, YouTube API

EVENTS AND CONFERENCES

Notable Developer Conferences

- Google I/O 2013 (*San Francisco, United States - May 2013*)
- Devfest 2013 - Google Developer Group (GDG) (*Colombo, Sri Lanka - September 2013*)
 - Presented topic 'Getting your next big idea to live on the cloud with Google AppEngine'
- Google Developer Group (GDG) (*Colombo, Sri Lanka - June 2013*)
 - Presented on GeoLanka.com technology stack, Google I/O experience and the Google ChromeBook pixel
- Alfresco DevCon 2012 (*Berlin, Germany - November 2012*)
 - Presented on bringing Data Visualization and Interactive Navigation using D3.js to large scale Enterprise Content Management Systems.
- Sri Lanka Content Management Meetup (*Colombo, Sri Lanka - April 2013*)

REFERENCES

Dr. Lakshman Jayaratne - B.Sc., Ph.D., M.A.C.S., M.C.S. (SL), MIEEE

Senior Lecturer

University of Colombo School of Computing,

No. 35, Reid Avenue, Colombo 07, Sri Lanka.

Email: klj@ucsc.lk; klj@ucsc.cmb.ac.lk

Tel: +94 112 581 245/8

Mobile: + 94 773 832 922

Fax: +94 112 587 239

Carl Nordenfelt

ECM Product and Technology Manager, Redpill-Linpro AB

Redpill Linpro, Östra Torggatan 8, SE-652 24 Karlstad, Sweden

Email: carl.nordenfelt@redpill-linpro.com

Phone: +46 768 863 876

MOBILITY

Currently possesses a valid US Visa for Business and Pleasure
(B1/B2) (http://travel.state.gov/visa/temp/types/types_1262.html)