

# Shenal Senarath

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A hard working, self-motivated, technology enthusiast with multi-disciplinary knowledge who embraces challenges and is keen in learning novel technologies.

## EXPERIENCE

### **IFS R&D LTD | UNDERGRADUATE TRAINEE- JSF TEAM**

Oct 2014 – April 2015

Mentored by and assigned to the Agile Team responsible for developing the Java Server Framework for IFS applications.

- Added new features to IFS Server Console.
- Synchronization errors in the IFS Interface browser were fixed.
- Proof of Concept (POC) project was done using JCache in clustered server environments using a WebLogic Server Cluster.
- Implemented property distribution and management in server clusters in IFS properties framework

Technologies Used: JAX-RS, JAXB, EasyWSDL, Angular JS, Hazelcast, JCache API, WebLogic Server, GIT, JIRA

### **SYNA SOLUTIONS | CO-FOUNDER**

Oct 2014 – Present

Developed the web application, PayAll.lk which enables to pay all of the bills through a single platform.

- Implemented the front-end of the PayAll.lk
- Created the software development work-flow using GitHub for source control and GitHub Issues for issue tracking.

Technologies Used: HTML, JQuery, Bootstrap, Github, PHP, Laravel Framework

## PROJECTS

### **PAYMENT APPLICATION COMPLIANCE MONITOR | FINAL YEAR PROJECT**

April 2015 – Present

Code Analysis system to detect compliance issues regarding PCI DSS and PA DSS on Payment Applications at the Development phase. This is being developed in corporation with Leapset Pvt Ltd.

Technologies Used: Java, Sonarqube, Git

### **B2B CRM SYSTEM | CELCIUS PVT LTD**

April 2014 – Oct 2014

A web based Customer Relationship Management application to manage business customers details and state of ongoing transactions. The system has the ability to save hotel contacts and assignments of hotels to marketing staff.

Technologies Used: HTML, CSS, Java Script, PHP, CodeIgniter Framework, Git

### **VOLUNTEER MANAGEMENT SYSTEM | SL2COLLEGE**

Oct 2013 – April 2014

A web based Volunteer Management application to assign and manage volunteers across multiple projects. Application has the ability to track performance of the volunteers to help future project success.

Technologies Used: HTML, CSS, Java Script, PHP, Symphony 2 Framework, Git

### **BATTLE OF AIS**

May 2013 – Sep 2013

Development of an Artificial Intelligence to play against other AIs in a classic Tank game. It was programmed to detect where the other player is and route through the treasures for maximum points.

Technologies Used: Java, Git

## EDUCATION

### UNIVERSITY OF MORATUWA | BSc. ENG. IN COMPUTER SCIENCE AND ENGINEERING (HONS.)

Expected Mar 2016

Second Class Upper Division GPA: 3.34(Upto Semester 5)

- Concurrent Programming
- Distributed Systems
- Quality Engineering
- Advanced Computer Architecture
- Information Security & Cryptography
- Bioinformatics

### CIMA | CHARTERED INSTITUTE OF MANAGEMENT ACCOUNTANTS

Aug2010 - March 2012

- Diploma in Management Accounting
- Certificate in Business Accounting

### G.C.E. ADVANCED LEVEL | PHYSICAL SCIENCE STREAM

Aug 2010

Z-Score: 1.9061 Ranked within the best 3% of the country

- Physics: A
- Chemistry: B
- Combined Mathematics: C

### G.C.E. ORDINARY LEVEL

Dec 2007

Passed with 8 As, 1 B, 1 C

## AWARDS AND ACHIEVEMENTS

### IEEEEXTREME | PROGRAMMING COMPETITION

A 24-hour global programming competition to solve programming problems organized by the IEEE

- IEEEExtreme 8.0 | Country Rank :25, Global Rank :300
- IEEEExtreme 9.0 | Country Rank :12, Global Rank :173

### UNIVERSITY COLORS | BASKETBALL-MEN'S

2013,2014,2015

For contributing towards the outstanding performance of Basketball men's team

## EXTRA CURRICULAR ACTIVITIES

### UNIVERSITY BASKETBALL TEAM | MEMBER

- 1st Runner-up | Inter University Games 2015
- 3rd Runner-up | Sri Lanka University Games 2013
- Champions | Leaders Trophy 2012
- Champions | Mora Invitational Basketball Tournament 2012

### CATHOLIC STUDENTS' SOCIETY- UNIVERSITY OF MORATUWA | OFFICE BEARER

- 2013-2014 | Senior Vice President
- 2012-2013 | Vice President- Memberships

### ROTARACT CLUB- UNIVERSITY OF MORATUWA | MEMBER

- 2013-2014 | Spirit of Service Award
- 2012-2013 | Spirit of Service Award

### NON RELATED REFEREES

Available upon request