SHANIL ANUSHKA FERNANDO

Gender Male | Date of birth 22/08/1989 | Nationality Sri Lankan

— PROFILE

An innovative thinker who is eager for innovation and challenges with 2+ years of professional experience in the software industry. I have been said about my ability to plan, to organize, to set priorities and to get the job done. This refers to my exceptional problem solving skills and high level of common sense. My objective is to be a successful professional in a professionally challenging working environment with an organization of international standard and to strive hard with integrity and determination to contribute to its growth.

SHANIL FERNANDO
An Innovative Software Engineer

in https://www.linkedin.com/in/shanilfernando

https://github.com/shanilfernando

stackoverflow.com/users/5092206/shanil-fernando

shanilfernando.github.io

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LANGUAGES

English

Mandarine

Sinhala

INTERNATIONAL EXPOSURE

— EDUCATION

Master of Software Engineering
Sep 2014 - July 2016
Changchun University of Science & Technology, China.

Bachelor of Electronic Information Engineering
Sep 2010 - July 2014
Changchun University of Science & Technology, China.

Chinese Language course
Sep 2009 - July 2010
Tianjin University, China.

Technician Certificate in Telecommunication Systems(NVQ Level 2)
Jan 2009 - July 2009
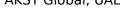City & Guilds

— WORK EXPERIENCE

Lead Software Developer
AKST Global, UAE

Aug 2016 - Present

- Currently leading multiple teams with multiple projects in Bangalore branch
- Analyse project requirements & design solution architectures
- Research & develop frameworks for the approved solution architectures
- Assist company to adopt state-of-the-art technologies
- Provide technical leadership, code reviewing, mentoring and training junior developers
- Provide technical evaluation in recruitment process

Software Developer (Intern)
Feb 2014 - July 2014
DSIDEAL Research Institute of Information Technology, China

Involved in developing online administration systems, E-learning system and online examination systems for universities and other academic institutes using J2EE technology, XML, HTML, CSS, Struts 2, Spring, Oracle, ibatis, Apache Tomcat.

RESEARCH & DEVELOPMENTS

3D Interaction Framework with Real-time Point Cloud Visualization.
Paper : https://ieeexplore.ieee.org/document/7726202/
Demo : https://www.youtube.com/watch?v=uAO1ALRHjQQ
        (http://v.youku.com/v_show/id_XMzY0MzE2OTYyNA)
Repository : https://github.com/shanilfernando/VRInteraction

xiuli.js
Demo : https://shanilfernando.github.io/xiuli.js/
Repository : https://github.com/shanilfernando/xiuli.js

PROFESSIONAL SKILLS

** Please refer my website for the detailed skill hierarchy

Web Server Technologies				
■ Java (J2EE)	■ Spring	■ Struts	■ OSGI	■ ORM
■ Node.js	■ Express.js	■ Sails.js	■ Loopback	■ Meteor
■ Python	■ Django	■ Flask	■ Web2py	■ Tornado
Web Client Technologies				
■ Javascript	■ Angular	■ React	■ Vue.js	■ Ember.js
Mobile App Technologies				
■ Android Studio	■ Ionic	■ React Native	■ NativeScript	
Database Technologies				
■ Postgress	■ Oracle	■ MariaDB	■ MongoDB	■ Redis
Deep Learning (in progress)				
■ TensorFlow	■ CNN	■ RNN	■ Reinforcement Learning	
Other Technologies				
■ C++	■ CUDA	■ MATLAB	■ OpenCV	■ Arduino

ACHIEVEMENTS

Honours and awards

- Jilin Provincial Scholarship for Master's degree (2014).
- Outstanding Graduate, Changchun University of Science & Technology (2014).
- Chinese Government Scholarship for bachelor's degree (2009).

Publications

Model-Free 3D interaction with rotation and swipe gestures using Kinect.
https://ieeexplore.ieee.org/document/7726202/

Thesis

Real-time 3D interaction framework with point cloud visualization using Microsoft Kinect v2.

PERSONAL SKILLS

Communication skills

Excellent communication skills gained through,
- 2+ years of career as an expat in UAE, India and China
- 7 years' life experience as an exchange university student.

Organisational & managerial skills

Excellent leadership skills and discipline gained though,
- leading multiple teams throughout my career
- 2 years of experience as a senior prefect in high school.