

BALACHANDRAN SANGEERTHTHAN

B.Sc.Eng.(Hons) in Computer Science and Engineering

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EXPERIENCE

Trainee Software Engineer

IFS R and D International (Private) Limited

June 2018 – December 2018 Colombo

- Worked as the member of Infrastructure and automation team . I have worked with Jenkins ,Docker , ELK stack and also had the opportunity to learn chef and Terraform

Software Engineer

Simcentric Technologies (Private) Limited

Feb 2020 – June 2020 Colombo

- Worked at Fires FST Team and worked in Java,VBS3 and C++ and have developed export map features in the JFST project.

Software Engineer

OrangeHRM (Private) Limited

Aug 2020 – May 2021 Colombo

- Worked as a fullstack developer with experience in using AngularJS, PHP, MYSQL.
- Have Experience in Designing and creating APIs
- Experience in Test Driven Development

TECHNICAL SKILLS

- Python Web And Desktop application development with Django for web and Tkinter for Desktop application.
- Spring Boot web app Development with Hibernate ORM.
- PHP Symfony and API development with symfony.
- AngularJS UI development.
- Familiar with Version Control Systems GIT,SVN
- Programming Languages: Python, Java,Groovy,Php
- Web development with LAMP stack and MEAN stack
- DevOps experience
- Continuous integration with Jenkins
- Docker for the Continuous deployment
- Operating Systems: very good with all Microsoft Windows Platforms and Linux platforms
- Terraform and chef basic knowledge
- Documentation creation - LaTeX

MY LIFE PHILOSOPHY

"Continuously learning and improving is the key to success "

EDUCATION

Graduate

University of Moratuwa, Sri Lanka

2015 – 2020 Sri Lanka

Bachelor of Computer Science and Engineering.

- GPA - 3.46 out of 4.2

Student

Jaffna Hindu College

2006-2014 Jaffna, SL

- Advanced level Examination
3A's (Maths, Physics and Chemistry) (Z Score - 2.1017)
- Ordinary level Examination - 9A
- Vice President chess club - 2013

LANGUAGES

Tamil ● ● ● ● ●

English ● ● ● ● ●

Sinhala ● ● ● ● ●

ACHIEVEMENTS

🏆 Interschool chess tournament provincial level
First Runners up

❤️ General knowledge Quiz
First Runners up

PROJECTS

San G Downloader

Freelance Projects

📅 2021

- Python based desktop application developed with Tkinter for rendering.
- Extensible application developed following best practices of software development.
- Currently packaged for Ubuntu 20.04

CV Generator

Freelance Projects

📅 2021

- Java Spring Boot based Backend with angular JS Front end.
- Application which is used to generate CV from the information of the user.

Corporate Directory

OrangeHRM (Private) Limited

📅 2021

- Developed UI for the corporate directory with AngularJS and implemented required APIs with backend utilities for the display of corporate directory.

Attendance Geo Location and Selfie Capturing

OrangeHRM (Private) Limited

📅 2020

- Created a real time API to capture selfie images and the locations based on the Geo co-ordinates.

MWS Build Pipeline

IFS R and D International(Private) Limited

📅 2018

- The pipeline for the build tasks and testing for the Middle Ware Server written using the Groovy language and Bash and Windows scripts.

Docker Image Creation pipeline

IFS R and D International(Private) Limited

📅 2018

- Creation of the Docker image of the application automatically for each commits done in the Git Lab. Written in groovy using Jenkins and Docker.

BISMANS

University of Moratuwa

📅 2017

- The business management system based on MySQL, Php and Apache server.

SELLIT

University of Moratuwa

📅 2017

- The pharmacy management system with PHP, MYsQL, htl, Bootstrap and CSS.

Virus Analyzer

University of Moratuwa

📅 2017

- A simple virus analyzer built using Java which can find virus files based on the hashes.

Java Game

University of Moratuwa

📅 2017

- A simple java game following OOP principles.
- Used locking and threading mechanisms for concurrent execution.

Microprocessor

University of Moratuwa

📅 2018

- Simple 4-bit microprocessor which can make basic operations
- used Xilinx design suite for logic design and Basys board for the demonstration.

EMERES

Final Year Project

📅 2019

- Sinhala optical character recognition system using tesseract 4.0 and the post processing improvements using simple CNN and language model.