EXPERIENCE

Research and Development Engineer Intern

📅 March 2019 - October 2019

🏢 **Embla Software Innovations, Colombo, Sri Lanka**

The 6 months of internship in machine learning at Embla Research and Development center at NSBM.

- Technologies: - Python, Anaconda, TensorFlow and keras, Neural Networks, Google Cloud Platform

- Projects-Image classification, Image localization & Optical character recognition (OCR)

- Project Management skills in Agile Scrum methodology (Scrum Master- Sprint 6)

Fresher Software Engineer (Currently working)

🏢 **HCL Technologies, Sri Lanka**

- Finished 2 months of advance Java training Currently working project - Allianz Insurance North America

EDUCATION

Bachelor of Computer Science (Hons)

📅 2016 - 2020

🏫 NSBM Green University with University College Dublin, Ireland.

Second Class Honours, Grade 1(GPA – 3.65)

🏢 GCE A/L 2015 (Biological Science)

SKILLS HILIGHTS

- Experience in OOP, Java, C, MySQL, Oracle SQL, JavaScript, PHP, Machine Learning, Neural Networks
- GitHub, GitLab version control Platforms
- Experience in applying HCI principles properly
- Experience in Core Java, JavaEE, Hibernate, Spring MVC & Spring Boot

PERSONAL SKILLS

1. Ability to work by myself without the need for constant supervision by employees.

2. Able to work harmoniously with other members of the team.

KASUN ISHANKA YAPA

(Computer Science Graduate)

👤 Objective

To provide my services efficiently by giving the best to the organization and to keep expanding my skill set to the highest, in turn making myself an invaluable asset to the company .

LinkedIn:
https://www.linkedin.com/in/kasun-ishanka-yapa-277403135

GitHub:
https://github.com/kasunyapa96

Facebook:
https://www.facebook.com/kasunishankayapa/

👤 CONTACT

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📍 No 606,Kandasurindu Street, Kataragama

Notable Projects

Distribution Center (DC) of an e-commerce website

- Goal: simulate the distribution center (DC) of an e commerce website.
- Technologies used:
  Maven(Build system)
  Docker(Container infrastructure)
  Microservices (architectural style)
  Actors (Reactive programming model)
  Representational State Transfer: State-oriented API design
  Web frameworks: Spring Framework (Springboot, Spring Cloud, Spring MVC, Spring data JPA, Spring Security),
  REST API, JWT,JUnit & Mockito,Node.js,React.js
  Programming Languages: JS, Java
  Databases: SQL(PostgreSQL)NoSQL (Mongo)
  Version control system: GIT
- originals · GitLab

Blood Bank Management System

- Java8, JSP,Servlets,Java beans,Oracle11g,JavaEE
- https://github.com/BloodBankManagementSystem/BBMS

Web based Event Management System application(eventos)

- Java8, JSP,Servlets,Java beans,MySQL,JavaEE
- https://github.com/KasunYapa96/Event-Management-System

Quiz Program

- A java program showing quizzes and giving marks for each quiz.(Java,Java Swing,JDBC)
- https://github.com/KasunYapa96/QuizApplication

Website based Learning Management System

- Learning management system (PHP, HTML, JS, CSS)
- https://github.com/KasunYapa96/UniversityLMSWebApp

Operating Systems Linux

- writing a custom boot, linker, grub, kernel
- https://github.com/hashaneranda/LMS

Student's Attendance Monitoring System
- University Student's Attendance Monitoring System/Device
- https://github.com/KalanaHE/RFIDCloudBasedAttendanceSystem.git

AI Cancer Cell Detection Model

- Artificial Intelligence Cancer Cell Detection model (Python, Tensorflow, ImageClassification, Flask)
- https://github.com/KasunYapa96/-Artificial-Intelligence-Cancer-Cell-Detection-model

Backend Development

- Develop RESTful web applications using JavaEE,Springboot, Spring MVC, REST API
- Spring Data JPA & hibernate
- Java8,Java11
- JUnit 5 & Mokito
- PHP

Frontend Development

- ReactJS (Basics)
- Ajax, jQuery, javascript
- Bootstrap
- HTML 5 / CSS 3

Databases familiar with

- MySQL
- Oracle11g

Build Tools

- Gradle
- Maven

Version Control

- git

Notable Projects

Human computer Interactions

- E-commerce website UI design (Green Mart app)
- https://github.com/KasunYapa96/Human-Computer-Interaction-web

Azure web hosting

- Creating linuxVM on Microsoft Azure and Hosting personal website(http://40.88.34.199/)

Extra

- Former member of School (Vice Captain) and University Cricket teams.
- Under 15 Cricket Captain Matara Sports Club.

REFEREES

- Dr.Chandana Perera
  Head of School of Engineering
  NSBM Green University Town
  E-mail: chandana@nsbm.lk
  Mobile: 0775529962

- Mr.Dumindu Kulasekara
  Tech Lead Embla R&D Center Sri Lanka
  E-mail: dumindukm@gmail.com
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- Ramesh C. Samarasekara
  Cloud Engineer CodeGen International
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I, the undersigned, hereby certify that all the above furnished are true and correct to the best of my knowledge and belief.

Yours faithfully,

Kasun Ishanka Yapa

INTERESTS