Thusiyanth Ratnasingam

Software Engineer

B.Sc. Special (Hons) in Information Technology
Specialization in Information Technology

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Thusiyanth

Profile

I'm software engineer. I have different profile knowledge such as java, python, Data Science, Game developing and I have 2.5 years experience in software industry. I'm eager to learn, grow and improve my skills. I enjoy using my technical knowledge to the benefit of organizations.

Education

- G C E Advanced Level (Bio Stream)
  Highlands Central College, Hatton.
  2015.
- B.Sc. Special (Hons) in Information Technology Specialization in Information Technology in Sri Lanka Institute of information Technology, Malabe.
  2016-2019-Dec

Experience

Associate Software Engineer In SalesForce
Virtusa.pvt.ltd 2021 July - 2022 July

- **Client** - Union Health group (UHG-COL)
- Work with Union Health Pharmacy System Project
- Implemented the requirements on Salesforce.com platform.
- Designed the solution by customizing various standard objects of Salesforce.com
- Designed, Implemented, and deployed the Custom objects, Page layouts, Custom tabs, Custom Buttons, Custom Links, and Components.
- Created various Profiles and Roles and configured the permissions based on the organizational hierarchy requirements.

Technology used :Aura ,Apex,Salesforce Admin

Associate Software Engineer
Jazz Lanka Developers 2020 June- 2021 May
- **Project** - Hotel Management System(Annai Hotel and Restaurant,jaffna),Supper Market
- Experience in Object-oriented programming specifically on JAVA
- Developed a desktop application using core java.
- Developing the use case diagrams, object diagrams, class diagrams and sequence diagrams using UML

Technologies Used: Java, MySQL, iRepor

Junior Software Engineer
Codefover Technologies   2019 December - 2020 may
- Project includes multiple modules such as a Mobile Food delivery application,Admin control page,Menu page
- Maintained quality user friendly and responsive design
- Create and test application .

Technology used : java ,Firebase

Projects

Online Mobile Store
This is a web application for buying and selling Phones. Administrators can manage Phone and its quantity. Users can sign up and search for a Phone. And then they could add it to card and buy it. Also, users can create support tickets for contacting Administrators.

Technologies Used: PHP, MySQL, CSS,HTML, JavaScript

Sports and GYM management system
Developed a desktop application using core java. It consisted of functionality to Manage sports activity's, gym activities and Schedules.Reports are generated as required.

Technologies Used: Java, MySQL, iReport

Tea Estate and Factory Management System
This is a desktop application developed using C#. This project had 8 modules which was assigned to 8 members of our team. I worked for HR management part. Managing schedules, creating account login

Technologies Used: C#, MySQL, Crystal Report account, works payment ,works attendance using RFID And Arduino UNO

GPS Location And mobile App
UniApp is the application is for the students of SLIIT. feature of sharing information with others by posting it in the app interface provided by the application. I worked for Share Map Location and Allow users to interact with each other through the app

Technologies Used: Java,Firebase,android

Web Based Voice Controlled Advanced PACS to Diagnose Lungs Cancer And Related Anomalies (Research)
Picture Archiving and Communication System (PACS) is the foundation of the examination of restorative pictures as it is well received with Digital Imaging. I worked for Predict breast cancer and voice recognition and commanding.

Technologies Used: Python,ML,Algorithm,Tensorflow,Jupyter Notebook

Skills

Languages
Python, java , C# , html , CSS, JavaScript,Aura,Apex,Salesforce Admin,I have the ability to work on the network

Database
SQL

Framework
 Codeigniter

Machine Learning

Linear Regression, Decision Tree, Random Forest, Logistic Regression , SVM , Naive Bayes , KNN ,K-Means , Mean Shift , Hierarchical Model,DBSCRAN , Apriori ,model ,LDA , PCA

Neural Networks

Artificial Neural Networks, Convolution Neural Networks, Recurrent Neural Networks , Generative Adversarial Networks(GAN) , OpenCV

Libraries

NumPy,scikit-learn,Pandas,Matplotlib,joblib,flask, TensorFlow , keras ,matlab

Tools

Adobe after effects,shortstops,adobe illustrator,wondershare filmora,Adobe premiere pro,Unity

Certificates

- hackerrank.com/thusiyanth02
- Elementsofai certification in Introduction to AI
- Coursera Stanford University Machine Learning completed
- SalesForce Profile - https://trailblazer.me/id/rthusiyanth
- JAVA www.hackerrank.com/certificates/c036dff75311
- SQL www.hackerrank.com/certificates/0ce502915185
- ML www.kaggle.com/learn/certification/thu123/intro-to-machine-learning
- AI certificates.mooc.fi/validate/rf3wcmcwvo

Membership

- Student Member of Computer Society of Sri Lanka (CSSL)

Research Paper

- Web Based Voice Controlled Advanced PACS to Diagnose Lungs Cancer And Related Anomalies
  International Journal of Innovative Science and Research Technology
  Volume 4 – 2019

References

- **Gowshigan Ladchumanan ,**IT Executive Engineer ,Nordic Group Limited
  +65 9422 9716 ,gowshigan@nordicgrouplimited.com

- **Niruhan Viswarupan,** Software Engineer ,Quesscorp / DBS Bank
  +6584545932, niruhan@dbs.com

Declaration

I am very much confident that I can contribute more towards the betterment of your reputed organization while gaining invaluable experience in my fields of interest. I hereby certify the information furnished above true and accurate to my knowledge.

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