Mohammed Faizaan Muzawar

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OBJECTIVE

To strive for greater bounds in the fields of Computer Science and Information Technology.

EDUCATION

Manipal Institute of Technology, Manipal, Karnataka
B. Tech(Computers and Communication Engineering)

July 2017 - Ongoing

CGPA-8.53

Deeksha Centre for Learning PU College, Bengaluru, Karnataka - II PUC

May 2015 - May 2017

Percentage - 90.1%

Carmel School(ICSE) , Bengaluru, Karnataka — Class 10

June 2003 - March 2015

Percentage- 94%

WORK EXPERIENCE

SSO INSIGHTS CONSULTING PRIVATE LIMITED
(Summer 2019)

Core Team Member - Design and Development of PRAMITI

PRAMITI - A Global Learning Platform that aims at making an attempt to overcome the challenges of availability, accessibility and affordability by creating a technology platform that enables free flow of knowledge from those who have gained it to those who seek it. The platform is developed as a Web Application on Django framework that is deployable on cloud services. The Web application creates a platform for seekers utilize the new age technologies like video conferencing and live chats to interact in real time with the experts in a particular field.

Contribution

- Involved in eliciting requirements and evolving the features list.

- Involved in architectural design of the learning platform using uml diagrams.

- Developing the backend functionality in Django framework using

SKILLS

C/C++

Java

Python

SQL

HTML5

CSS3

Django

Bash/Shell scripting

Go Lang

Ruby

Operating Systems

Linux

Git

Machine Learning

Deep Learning

OpenCV

Keras/Tensorflow

Beautiful Soup

Embedded C

CUDA C

ARM assembly language

JavaScript(Basics)

Networking Protocols and Programming

Penetration testing(Basics)

Python language.

- Integration of Jitsi-Meet API(WebRTC based) for Video Conferencing

- Rendered the front end pages using HTML/CSS.

- Unit testing and system testing of the application.

- Cloud deployment of the web application on AWS.

Technology Stack

Python(Django framework), HTML5, CSS3, JavaScript(JQuery, Ajax), Jitsi-Meet API(WebRTC based), SQLite, Git, Linux

ACADEMIC PROJECTS

Earthquake prediction —

Prediction of magnitude of an earthquake at a given location using Artificial Neural Networks implemented using Python.

Obstacle Detection —

Live detection of obstacles in the path of a moving vehicle using OpenCV, implemented in Python.

3D Reconstruction of Radiation Sources —

Reconstruction of a radioactive source based on given dosage at a point in space. Problem statement given by Department of Atomic Energy for Smart India Hackathon 2019 Grand Finale. Implemented using C++, Cuda C, Python and OpenGL.

ACTIVITIES AND ACHIEVEMENTS

President at Manipal Information Security Team , MIT Manipal

Core Committee member at Linux Users Group, Manipal

Category Head for Turing at Tech Tatva 2019, MIT Manipal

Finalist Smart India Hackathon

LANGUAGES

English

Urdu

Hindi

Kannada