Saurabh Prakash

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A highly motivated and organised software professional willing to work in a conducive environment in the software where I can get opportunities to use my skills to continuously contribute towards achieving the goals of the organization, at the same time ensuring self-growth and enhancement of my skill set.

Experience

2018-07 present

Software Development Engineer
Tally Solutions Pvt. Limited
Have been working in Tally Solutions Pvt. Limited, one of India's first and most successful product companies , from around 9 months as Software Development Engineer - I. Here, I work in Biz/DB layer, the lowermost layer of its own technology stack that Tally uses. My work includes handling the areas related to database, concurrency control, persistence of data on the disk and their in-memory availability and implementation of the business logic that the product understands.

2018-01 2018-03

Software Engineering Intern
Aricent
Had been working as an intern in a team that had the complete responsibility of providing the complete services worldwide for a Single Sign On product known as ISAM ESSO, by developed by IBM. This project required the complete understanding of the product, including its client and server sides.

Education

2018

Sir M. Visvesvaraya Institute of Technology
B.E in Computer Science and Engineering.
Aggregate : 78%
First Class with Distinction throughout all the semesters.

2014

Bijendra Public School
AISSCE(12th) with PCM as Major Subjects.
Percentage : 88.6 %
Distinction in all the subjects.

2012

Bijendra Public School
AISSE(10th)
CGPA : 10 CGPA
Distinction in all the subjects.

Skills

- Languages : C/C++, Python , R
- Operating Systems : Linux , Windows
- Debuggers : GDB, Visual Studio
- VCS : Git
- Web Technologies : HTML, CSS, Bootstrap, Javascript, JQuerry
- Proficient in Data Structures and Algorithms
- Experience in writing unit test cases using CppUnit test framework.

Projects

Prediction and Analysis of Trends In Cryptocurrency Market

How does Cryptocurrency market behave? What are the causes of the sudden spikes and dips in prices of different cryptocurrencies? Are the markets for different coins inseparably linked or largely independent? How can we predict what will happen next? The project applies Exploratory Data Analysis on a set of data of historical prices of Cryptocurrencies to find answers to some of these fascinating questions.

Languages Used : R , Python

Libraries : ggplot2, dplyr, plotly

IDEs and Editors : R Studio, Jupyter Notebook, Sublime Text

Maryo

A Mario like game developed using the Pygame module in Python as a part of the Internshala Online Certification Program on Python. The game consists of two characters - Maryo and Dragon. The aim of the game is to save Maryo, from the fire balls emitted by dragon, by moving it up and down.

Technologies Used : Pygame

Dodger

An arcade game developed in C++ using OpenGl API as 6 th Sem Computer Graphics and Visualisation Laboratory Mini Project. The game consists of a Space Ship which the user has to dodge from the Space Ships of the Aliens. The game implements concepts like Object Oriented Programming, Rotation, Translation, Text Rendering, etc.

Personal Website

Created my personal website http://saurabhprakash.me using HTML and CSS which includes information about me and my projects. Technologies used : HTML and CSS.

Training and Certifications

- Online Python Certification Course by Internshala — April-May'17

- "Introduction to R Software" by NPTEL — Jul'17

- "Introduction to Data Analytics" by NPTEL — Jul'17

- Introduction To Modern Application Development By IIT Madras — Feb-March'17

- Pratibha Samman certificate for Remarkable Success in AISSE by Prabhat Khabar — June'12

- Online Python Certification Course by Internshala — April-May'17

- "Introduction to R Software" by NPTEL — Jul'17

- "Introduction to Data Analytics" by NPTEL