Suhas B Kowligi

Bangalore, Karnataka
GitHub : https://github.com/SuhasBk
E-mail : kowligi1998@gmail.com

Summary

Pursuing a Bachelor's degree in Information Science and Engineering. Currently seeking job/internship as a software engineer in an IT based company.

Education

Nitte Meenakshi Institute of Technology
Bachelor of Engineering
Bangalore, Karnataka
Enrolled: August 2016
Expected graduation : May 2020
Current CGPA : **8.92**

Sri Bhagawan Mahveer Jain College
Karnataka Board 2nd PUC
Bangalore, Karnataka
Graduated : April 2016
Secured **90%** overall.

Auden Public School
Karnataka Board SSLC
Bangalore, Karnataka
Graduated : April 2014
Secured **95.2%** overall.

Professional Skills

Technologies used : Android studio, ADB, bash, FTP, git, HTML, HTTP requests and methods, Mongo DB, JSON, Flask, REST, smtplib, Selenium, SSH, Tkinter GUI, Web Scraping.

Programming languages : Python, Java, C++, C

Work Experience

- Interned at **National Institute of Technology**, Surathkal, Karnataka as a backend developer for an IoT project under guidance of Prof. Dr. Annappa B of CSE.

Academic Projects

Course Projects :

- **Secure Communication using Cryptography and Steganography:**
  A Python application which implements AES CBC encryption and decryption algorithm with steganography using an image file.

- **College Database :**
  Built a WSGI web-app implemented with a SQL database to query, view and edit information regarding college such as hostel details, department details, mess/canteen details etc.

- **Google Search using RPA:**
  Automation of Google search using web scraping through Python to get faster results (text-only). This tool displays information on screen as well as store it as text in an HTML file for offline use.

Side Projects :

- **Android App:**
  Built an Android app which sends HTTP requests to execute server-side scripts and also to fetch the result from its execution and display the output on the Android device using REST API.

- **Automation of Saavn:**
  Created a Python script with the help of Selenium, which opens Saavn website in a browser in the background and allows users to play, pause, repeat, fetch the lyrics and also share songs using QR code from the command-line interface itself.

- **YouTube Streaming:**
  Developed a Python script which fetches data such as title, views, likes and dislikes. of a YouTube video from its URL and also provide an option to download or stream videos with a media player.

Accomplishments

- Participated in **Smart India Hackathon** and **TCS EnginX hackathon**.
- Deployed a website to showcase my scripting, database handling and web development skills.
  URL : http://masterbyte.herokuapp.com