

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

<b>Nitte Meenakshi Institute of Technology</b> Bachelor of Engineering Bangalore, Karnataka Enrolled: August 2016 Expected graduation : May 2020 Current CGPA : <b>8.92</b>	<b>Sri Bhagawan Mahveer Jain College</b> Karnataka Board 2nd PUC Bangalore, Karnataka Graduated : April 2016 Secured <b>90%</b> overall.	<b>Auden Public School</b> Karnataka Board SSLC Bangalore, Karnataka Graduated : April 2014 Secured <b>95.2%</b> 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.
- Deccan Herald E-Paper Download:**  
A Python CLI browser automation script to download Deccan Herald E-Paper in PDF format which also provides an option to send the PDF file as an attachment via mail.
- 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>