* Specialization on IT Automation with Python (offered by Google)
* Crash Course on Python Using Python to Interact with the Operating System
* Introduction to Git and GitHub Troubleshooting and Debugging Techniques
* Configuration Management and the Cloud Automating Real-World Tasks with Python

**Courses and Certifications**

* **Bachelor of Engineering** | Electronics and communication | 9.24 GPA

JSS Science and Technology University, Mysore

206-2020

* **Pre-University** | PCMB | 97.5%

Govt. PU College, Sagar

2014-2016

**Education**

**Software Projects**

* **Multiple Client Systems Access using Reverse Shell.**
* A networking project accomplished using Python.
* Reverse connection was established between the server and the host.
* **Bus Reservation and Management System.**
* An application file (.exe) was created using Java Swings in NetBeans.
* Database management is done using MySQL database.

**Hardware Projects**

* **Automated Supermarket Navigation and Guidance System.**
* A complete autonomous trolley system with a customized path following algorithm.
* Architecture involves communication between Raspberry-Pi, CPU and user interface application.
* Algorithm was developed using Python and application by android studio.
* **Automated Master Slave Path Following Robot System.**
* Wireless communication was established between two bots.
* The Master-slave architecture was designed.
* **Line Follower Bot.**
* It was an Arduino based project.
* Robot was built that can trace the black line and reach the final destination.

**Projects Undertaken**

Enthusiastic software developer who loves to learn more about new technologies and developmental platforms. I have experience in the field of web page automation, app development, web page development as well as database management. I have also contributed in developing a software tool for system health check on Linux platform.

**Personal Info**

Software Development

Webpage design and Automation

Robotics and Automation

**Interests**

Visual Studio Code

Android studio

Webots (Robot simulator)

Linux

**Software Skills**

Advanced Python programming

Robot Framework

Webpage Automation

Android app development

HTML, CSS , JS (Basics)

Git

**Technical Skills**

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Sagar 577401.

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948151819

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**Git hub :**

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**Sumanth S**

Software Engineer