**Projects Undertaken**

**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.

**Description**

**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**

**Address :**

“Koustubha” Niaya, Indira Nagar, Opp. Bethany ITI,

Sagar 577401.

**Phone :**

948151819

**Email :** Sumanthhegde52@gmail.com

**Linked In:**

linkedin.sumanth-s-123484185

**Git hub :**

github.com/sumanthhegde05

**Sumanth S**

Software Engineer