

**SINGAMNENI SAIPAVAN**

**M. Tech Software Engineering**

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**Contact Number: - 7871322594**

**V.I.T (Vellore Institute of Technology)**

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**Objective:**

Objective is to seek for an opportunity to join in an organization to improve my career to enhance my technical, professional skills and contribute for organizational growth.

**Academic Qualification:**

Course	Institution	University /Board	Year of Passing	Marks		Percentage of Marks	CGPA
				Obtained	Maximum		
Integrated M.Tech (Software Engineering)	Vellore Institute of Technology.	VIT	2019	-	-	-	7.90 (Current), Still Pursuing.
Intermediate	Sri Chaitanya junior College.	B.I.E.	2014	863	1000	86.3	NA
10 <sup>th</sup> Class	St. Arnolds High School.	S.S.C.	2012	8.3(points)	10(points)	83	NA

**Experience:**

Working as intern in Senvion India Pvt Ltd since August 2018.

- **Working as backend Developer.**
- **Working on technologies**
  1. Python.
  2. Py-test framework.
  3. Mongo Db.
  4. PostgreSQL.

**Internship Projects:**

- **Development of Service Guide- Digitalization and Troubleshooting platform for Senvion fleet.**

The project aims in dealing with the asset management and in creating service orders for the asset. It also deals with discovering the insight details of the assets and helps in making the efficient decisions regarding that asset problems. It also generates the alerts in case of failure for any asset, and hence it gives an advantage in designing such fault tolerant system which can enhance the services of on organization. This makes the system more reliable and gives an upper hand on the upcoming problems. This have multiple functions under which channels are mapped to differentiate from organization to organization.

- **Development of automation testing framework.**

Py-test Automation framework. It will test all the API of the application. Using Py-test wrote test cases for all the API's, which makes sure that all the API's are working as expected.

- **Application design and development.**

Designing Applications for desktop, mobiles and laptop computers poses special changes, and user interface changes from device to device, Designed user interfaces for the application to make it so user friendly and feel good while using the application.

- **Data Integration tasks.**

Migration of data from one instance to other instances automatically whenever it is updated in the base instance which make sure that an application wont crash when using it.

**Academic Projects :**

- **Field Restriction and Maintenance(prototype):**  
Have designed a prototype, useful project for farmers to protect their fields by external intruders and fire accidents by using the components: - Raspberry pi 3(Raspberrian Os), Arduino, ultrasonic sensors, MQ2 sensors.  
✓ By using ultrasonic sensors can protect the intruders.  
✓ MQ2 sensors to detect the fire accidents.
- **Crop Prediction using Moisture, Temperature, and Soil fertility.**  
To predict and suggest the crops for the farmers based on soil fertility, Ascosporic conditions and moisture content to avoid losses on yields.

**Accolades:**

- Selected as a python backend developer in **Senvion India Pvt Ltd** in august 2018 in campus placements.
- Elected as a School People Leader in 8<sup>th</sup> Standard.
- Won Prices in Speech Competitions, Debts, Essay writing, games, essay writing.
- Winners in cricket and runners in kabaddi competitions held in intra collage competition in 3<sup>rd</sup> year.
- Selected as intern in Senvion India Pvt Lit in 4<sup>th</sup> year campus placements.

**Technical Skills:**

- |                         |  |
|-------------------------|--|
| • Programming Languages | C, Python, C++(basics).  |
| • Web Technologies      | HTML, CSS.   |
| • Database              | MySQL, MongoDB (Basics), PostgreSQL.   |
| • Tools                 | Rational Rose, Star UML, Eclipse, NetBeans.  |
| • Relevant Courses      | Advanced Software testing, Software construction and Maintenance, Agile methodology. |
| • Operating System      | Windows7 and 10, MS Office (Basics), Linux (Basics).                                 |

**Activities:****Extracurricular Activities:**

- Participated in **Blood Donation** camp and Donated Blood couple of times.
- Active member in **Telugu literature club** at VIT.
- Participated in **cultural activities and competitions.**
- Conducted Cultural **Activities** in college during 4<sup>th</sup> year Annual day celebrations.
- Worked as a member in **ROTRACT/ANDROID** club.

**Interpersonal Skills:**

- Rapid grasping Skills.
- Positive thinking.
- Management of work with my teammates.
- Ability to cope up with the situations.
- Self-Motivation & Quick Learner.

**Personal Dossier:**

Date of Birth	24-08-1997
Father Name	S. Srinivasa Rao
Mother Name	M. Nagaraja Kumari
Gender	Male
Nationality	Indian
Hobbies	Playing cricket, Listening Songs, Cooking.
Languages known	Telugu, English and Tamil (Can Understand).
Area of Interest	Learning new things, trying something new.

**Declaration:**

I solemnly declare that all the above information is absolutely veracious to the best of my knowledge and belief.

**Place:** Bangalore

**Date:**

Yours Faithfully,

**(Singamneni Saipavan)**

