SHRUTY JANAKIRAMAN

#538, 7th Cross, I stage, Mobile: +91 9972409317

III Block, HBR layout Phone: 080-25445565

Bangalore 560 043, India Email:shrutyorama@gmail.com

**Objective:** To apply for the post of Graduate Assistant at RIT..

**Educational Qualification**:

* **Bachelor of Technology(B.Tech),Electronics & Telecommunication Engineering, GPA 3.047**

Symbiosis Institute of Technology, Pune, India. [May 2012]

Related Coursework:

Wireless communication Digital Image processing

Analog and Digital communication Digital Signal Processing

Computer and voice network Data Structures

* **Diploma in Business Management**

Symbiosis Institute of Business Management, Pune. [May 2012]

**PROJECT EXPERIENCE:**

Projects at Symbiosis Institute of Technology:

* Design of voltage regulator : [Fall 2009]
* Introduction to electronics product design.
* Design of 1Hz frequency generator: [Fall 2011]
* Main emphasis on product packaging and test the product‘s functionality in various environmental conditions.
* Design of a patient monitoring system: [Spring 2012]
* Used heartbeat, temperature and blood pressure sensor to measure these vital signs of a patient in critical care. This patient data was transmitted to the concerned doctor’s mobile phone
* .Employed the concepts of embedded system and GSM Technology.

**INTERNSHIP EXPERIENCE:**

* **TES Electronic Solutions ,India** [Bangalore ,India]
* Designed a Graphic User Interface, using VC++, to test an embedded system.
* Employed the concepts of loopback testing, serial communication and RS 232 protocol.

[May 2011]

* **Philips Innovation Campus** [Bangalore ,India]
* Working with a team at Philips Healthcare to provide solutions to improve the care of babies after delivery at the Neonatal Intensive Care Unit(NICU). I have developed a User Interface using QT to test micro-controller boards at the assembly line.
* Writing and executing the Test Procedures for the system designed.
* Debugging the software of the system to make it respond as per design. [June 2012- present]

**COMPUTER SKILLS:**

**Languages:** C, C++, VC++,TASM

**IDE:** QT, Visual Studio, Code Composers Studio, Xilinx, Matlab, Simulink

Keil Microvision and Multisim.

**Platforms:** Windows(98/XP/Vista)

**EXTRA CURRICULAR & VOLUNTEER EXPERIENCE:**

* Active participation in cultural and sports fests in school, college and Philips.

Cultural activities - singing, dancing and essay writing.

Sports activities- Throwball and badminton.

* Secured 3rd position at the inter school TERI research competition, 2009.
* Organized Inter collegiate sports “PROTATHLITIS” 2010 & 2012.
* Part of the Organizing committee for Inter collegiate cultural fest “REVERB” 2010.
* Certificate course in French, level 1A, from Alliance Francaise, Bangalore.
* Volunteering with Samiksha Foundation. A Creative learning Initiative for children with cancer and their caregivers.

**References:**

* Balamurugan Gopal

Director Philips Healthcare ICAP Platform

Ph: +91 9845609947

Email: bala.gopal@philips.com

* Sudip Saha

Senior Scientist, Philips Healthcare

Ph:+91 9986293429

Email: sudip.saha@philips.com

* S.P Shettar

Associate Professor & HOD Applied Sciences Dept

Symbiosis Institute of Technology

Ph:+ 91 942 101 7250

Email: shettar@sitpune.edu.in