### *ULLAS N.S. ANUGRAHA, #9, B-102, First Floor, 5th Main, Kaveri Nagar, Kathriguppa,*

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**Objective:**

A successful career in a growth oriented organization that will best utilize my skills resulting in fulfilment of professional goals and growth of the organization.

**Snapshot:**

* Result oriented professional with 8+ years of experience in IT industry
* Experienced in testing of **Semiconductor Equipment Control Software**
* Experienced in **Automation/Manual Testing, Coding**
* Strong **communication, collaboration & team building** skills
* Monitored improving the existing **Process/Workflow** as per the requirement
* Interacted with clients for **requirement gathering, system study & analysis**
* Tracking progress and realign tasks to adapt to external schedule variances
* Reporting updates to Manager, articulate issues with business terminology
* Pivotally arranged internal training for domain knowledge & soft skills.

**Professional Summary:**

* Actively involved in gaining exposure in the following skills from Mar 2012 to till date

C++

Boost library - Understanding and fixing bugs since Jan 2013.

* Worked as a **Senior Software Engineer** at **HCL Technologies Ltd**., from Oct 2005 to Feb 2012.
* Worked as a **Testing Engineer** at **Global Edge Software Ltd**., Bangalore from Dec 2003 to Sep 2005.
* Worked as a **Software Engineer** at **Chip Integration Technologies Ltd.,** Bangalore from Jun 2003 to Dec 2003.

**Technical Skills:**

**Languages/Scripts:** C, C++, Shell, Perl

**IDE:** Visual Studio

**Version Control:** SVN, git

**Communication Protocols:** TCP/IP, SNMP, SECS Protocol

**Operating Systems :** UNIX, Linux, QNX, HP-UX, Solaris, VxWorks, Windows

**Defect Tracking Tools:** Bugzilla, Quality Center, Project By Net, Extra View

**Test Automation Tools:** SECSIM Pro, Chariot

**Certifications:** Testing (HCL Internal), UNIX & C from Brainbench

**Trainings:**

* Undergone training in Advanced C and Internals of UNIX at UTTARA, Training, Software and Allied Services, Bangalore from Apr-2002 to May-2003
* Undergone training in C++ at UTTARA Software Academy from Apr-2012 to Dec-2012

**Education:**

BE, Malnad College of Engineering, Hassan (Affiliated to University of Mysore).

**Project Details:**(In reverse chronological order)

**1. Veeco MOCVD – QA Support Feb 2010 to Feb 2012**

**Team Size**: 30

**Role:** Team Lead

**Client**: Veeco Instruments Inc., USA

**Technologies Used:**  VC++, .NET on Windows XP

**Automation Tool:** SECSIM Pro

Veeco is a leading provider of Metrology and Process Equipment solutions used by manufacturers in the data storage, semiconductor, wireless, lighting and solar industries. These industries help create a wide range of information age technology and products, such as portable music players, cell phones, PDAs, digital video recorders, backlighting for computers and TVs, architectural and automotive lighting, solar cells and much more.

Veeco Metal Organic Chemical Vapor Deposition (**MOCVD**) systems are designed for production of epitaxial materials. Using MOCVD, many layers, each of a precisely controlled thickness, can be build to create a material, which has specific optical and electrical properties.

**Responsibilities:**

* Mentoring the team members (Team size – 3)
* Coordinating with Onsite team to gather requirements, resolve Technical Issues
* Improving the existing Process / Workflow
* Preparation & Review of Estimation
* Preparation & Execution of Test cases, plans and reports for **Maxbright and Nexus**
* **Worked on Real Tool at Onshore** and Reporting & Tracking of the Issues

**2. Amarta Life & Pension Software (ALPS) Sep 2008 to Jan 2010**

**Team Size**: 30

**Client**: Liberata Financial Services, UK

**Technologies Used:**  HP-UX 9000, C, Java 1.4, .NET on Informix 4GL

ALPS II is an application, built in-house by Liberata Financial Services(LFS), currently LFS is using the Amarta tool kit. Amarta is a product from SunGard which is used to manage life and pension policy administration. The product uses a rule engine and can be customized easily to meet individual business requirements.

Amarta has been implemented by companies like New York life, Swiss Life, Scottish Provident, Northwestern Mutual and CNA. New York life implemented Amarta in India in April 2001 and Philippines in September 2001.

**Responsibilities**:

* **Understanding the functional requirements and test strategy**
* **Root cause Analysis**
* Preparation of schedule
* Preparation & Execution of Test cases, Test plans & Test reports
* Reporting & Tracking of the Issues

**3. Axcelis Ion Implanters Aug 2006 to Aug 2008**

**Team Size**: 20

**Role:** Team Member / Onsite Coordinator

**Client**: Axcelis Technologies Inc., USA

**Technologies Used:**  VxWorks & Windows 2000 platform, C, C++, Java, XML, CORBA for single wafer &

VxWorks & Solaris platform, C, C++, X-Motif for multi wafer

**Automation Tool:** SECSIM Pro

Axcelis is a leading manufacturer of capital equipment for the Semiconductor industry producing Ion Implant, Rapid Thermal Processors, Wafer Cleaning Systems and Wafer Curing Systems. The Ion Implantation process provides a means for introducing charged ions into the surface of a silicon wafer in order to form the active components of a semiconductor chip. Axcelis product line combines both single and multi-wafer processing capability and enables versatile set of applications across the tool set.

Axcelis multi-wafer Ion Implant equipment replaces existing control software, which has been designed using X-Motif System on Solaris.

The Implant Control System software for multi-wafers was tested on Simulators at offshore & onsite.

Axcelis’s Advanced Control System (Single wafer middle dose Ion Implant equipment) replaces existing control software, which was implemented on Java. It has undertaken a re-engineering strategy to replace the existing application in an object-oriented paradigm. The product runs on Windows platform and leverage off-the-shelf tools.

The Implant Control System Software for single wafer was tested on Simulators & tools at onsite & offshore.

**Responsibilities**:

* **Preparation & Review of Estimation**
* **Preparing the functional requirements**
* **Root cause Analysis**
* Preparation & Execution of Test cases, Test plans & Test reports
* Reporting & Tracking of the Issues
* **Working on Real Implanters used for Implanting wafers at Onshore**

**4.Acuity Server Host Agent Oct 2005 to Jul 2006**

**Team Size**: 4

**Role:** Team Member

**Client**: Creekpath Systems, USA

**Technologies Used:**  HP-UX platform, C

This Acuity Server software helps in managing and administering disparate SAN hardware/software through a unified application and reduces the burden of the SAN administrators. It also provides facilities to monitor the Storage status (Total, utilized, free) and helps in planning of storage for enterprise needs.

The product architecture primarily consists of Acuity server that encapsulates all the business logic for the solution and a collection of Process Automation Modules, which monitor and manage the individual devices in the SAN. They are deployed on the management servers associated with the elements to be monitored.

Host Agent is one of the components of Acuity Server.

**Responsibilities**:

* Preparation & Execution of Test cases
* Preparation of Test plans & Test Reports
* Reporting & Tracking of the Issues

The following projects were executed at Global Edge Software Limited

**5. Bandwidth Manager Mar 2005 to Sep 2005**

**Team Size**: 3

**Client**: Coaxial Networks, USA

**Technologies Used:**  QNX 4.25 platform, C

**Automation Tool:** Chariot

Bandwidth Manager is module developed for Coaxial Networks. It resides on the DOCSIS 1.1 CMTS and is used to regulate the traffic between the CMTS and Cable Modem. It supports Class Based Queuing discipline and 8 different priorities. The bandwidth manager module was tested using ftp sessions.

**Responsibilities**:

* Preparation & Execution of Test cases
* Preparation of Test plans & Test Reports
* Reporting & Tracking of the Issues
* Identifying the test cases for Automation
* Automating the identified test cases

**6. SNMP support for CMTS Nov 2004 to Feb 2005**

**Team Size**: 3

**Role:** Team Member

**Client**: Coaxial Networks, USA

**Technologies Used:**  QNX 4.25 platform, C

**Automation Tool:** MG-Soft Query Manager

Objective of this project was to give support to the Bridge MIB for the DOCSIS1.1 CMTS.

Testing of this project was carried out as follows:

For simulated environment,

* SNMP Manager commands of the Net-SNMP and MG-Soft MIB Browser/Query Manager, a GUI SNMP Manager were used.

On the CMTS,

* SNMP Manager commands of the QNX were used. A simple script was developed and used for regression testing of the Extended SNMP Agent running on the CMTS.

**Responsibilities**:

* Preparation & Execution of Test cases
* Preparation of Test plans & Test Reports
* Reporting & Tracking of the Issues
* Identifying the test cases for Automation
* Automating the identified test cases

**7. IRIS Manager (iVue) Apr 2004 to Oct 2004**

**Team Size**: 3

**Client**: Coaxial Networks, USA

**Technologies Used:**  Windows XP(client) &QNX 4.25(server) platform, VC++(client) & C(server)

IRIS Manager is a centralized CMTS configuration and monitoring tool. IRIS comprises of different devices tied together to provide comprehensive solution. Each of these devices needs to be configured. The developed tool enables the administrator of IRIS to configure these various components. Configure the DOCSIS 1.1 CMTS (s) remotely.

**Responsibilities**:

* Preparation & Execution of Test cases
* Preparation of Test plans & Test Reports
* Reporting & Tracking of the Issues

The following project was executed at Chip Integration Technologies Limited

**8. Acme Tool Jun 2003 to Nov 2003**

**Team Size**: 2

**Role:** Team Member

**Technologies Used:**  Linux platform, Perl/Tk

Acme Tool is a testing tool used for testing application protocols, which uses TCP/IP

as a means for communication over the network. Input to the tool is a script to be

executed. Based on the script result, the tool is going to generate Report file, Log

file and Summary report. Tool has on-line logging facility.

The software was developed using Perl/Tk on Linux

**Responsibilities**:

* Preparation & Execution of Test cases
* Preparation of Test plans & Test Reports
* Reporting & Tracking of the Issues

**Personal Profile:**

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