

Objective

To seek full time position in software Testing and Quality Assurance.

Education**University of Minnesota Duluth****Duluth, MN**

Masters of Science, Computer Science; GPA: 3.44

(May 2011)

- Advanced computational Logic, Bioinformatics, Operating system practicum, Human Computer Interaction.

Pune University, Bharti Vidyapeeth Women's Engineering College**Pune, India**Bachelor of Computer Engineering; *First Class with Distinction*

(August 2009)

- Relational Database Management Systems, Operating Systems, Software Testing and Quality Assurance.

Computer Skills:

- **Testing Tools:** WinRunner, Sikuli (Image capturing Testing tool)
- **Defect Tracking Tool:** Test Track
- **Virtualization Tool:** VMware player 3.1.4
- **Languages:** C, C++, Visual Basic, Perl, HTML
- **Systems:** Windows (98/XP/2000/Vista/7), Linux and DOS
- **Database Tools:** Oracle, MS Access, PL SQL
- **Software:** Microsoft Office, Latex

Work Experience**Siemens Industry (Transportation Division)****Minnetonka, MN***Software Test Intern*

(May 2010– August2010)

- Researched and established testing tool for test process improvement that lead to reduction of manual testing.
- Designed and Implemented Test Scripts and Test Cases for Functional testing of an early stage development effort.
- Documented Test Cases, used Test Track for reporting bugs or issues and tracking bugs.
- Successfully carried out Point to Point, User Interface, Black box, Regression, Functional and Manual testing at development time resulting in reduced time to delivery.
- Practiced agile development process and exercised heads-up communication with developers that resulted in reduced bug arrival rate.

University of Minnesota Duluth, Computer Science Department**Duluth, MN***Teaching Assistant*

(Sept 2009– Present)

- Conducted lab and discussion sessions. Graded assignments and solved student queries regarding Object Oriented Programming and Operating System Practicum.

Academic Projects**Scene generation using Open Scene Graph, Department of Computer Science, UMN****Duluth, MN**

- Designed divisions of the scene into sections to enable a user to navigate through the grocery store.
- Implemented checks on the physical boundaries of the Virtual Reality Lab in order to avoid the user's collision.

Technology: C++, Open Scene Graph. **Platform:** Linux-Ubuntu.**Software Engineering and Testing Assignments, Department of Computer Engineering, BVCOEW****Pune, India**

- Involved in test driven development for an employee-project RDBMS application.
- Implemented API testing by generating test cases based on the API specifications.
- Documented test cases for page ranking algorithm, bubble sort, insertion sort, Merge sort.
- Performed automated testing on user interface of Rules Engine using WinRunner.

Tool: WinRunner. **Platform:** Windows – XP**Student Database, Department of Computer Engineering, BVCOEW****Pune, India**

- Designed a user interactive database application for maintaining student information and formalized the specification in form of ER diagram and Use cases.
- Involved in creating database schema, front end and interface design as a part of the system architecture.
- Implemented triggers, cursors and procedures for materializing the database functionality.
- Performed Functional testing and Integration testing of the system for benchmarking the quality.

Technology: VB, PL/SQL, Oracle. **Platform:** Windows – XP **Tool:** WinRunner.