

NIRANJAN BENDRE, 480-363-0640, niranjan.bendre@gmail.com
1303, E. Walnut Rd., Gilbert AZ 85296,
www.niranjanbendre.8m.com

Profile

- Overall 5 Years of experience in designing, developing, integrating, testing and supporting software applications for various domains like education, industrial automation, aerospace and finance.
- Strong programming skills in C and C++ on Unix/Linux, Perl, core Java and web development.
- Strong Quality assurance, manual testing methodology and implementation skills with experience in test automation (including development of testing tools).
- Experience in developing and verifying software complying quality standards of CMMi level 5 and also possess a green belt in Six Sigma.
- Possess strong communication, analytical problem solving skills. Keen to initiate new ideas, have a fast learning curve and independent worker with strong abilities to work in a team also.

Experience

Wells Fargo Bank N. A., Chandler, AZ, USA

Application Systems Engineer 4, May 14, 2007 till November 14, 2008

- Developed Wells Fargo Bank's retail banking software for teller operations. The product is used by the tellers in all Wells Fargo banks to perform all the bank's operations (for eg.: cashing checks, deposits etc.)
- Developed new modules and updates of the software (GUI, client/server and multi-threading) using C/C++ on Unix/Linux and MySQL as database.
- Resolved bugs and performed maintenance while implementing new functionality simultaneously.
- Used tools like gmake, gcc, gdb, dbx, and shell scripts for all development and unit testing activities.
- Used ClearCase to maintain development artifacts. Also used internal web based bug tracking, inspection and metrics data collection tools and their automation.
- Performed peer code reviews and unit testing.
- Acquired banking domain knowledge and used the same in the project.

Honeywell, Bangalore, India/Phoenix, USA

Senior Software Engineer, February 4, 2004 to February 16, 2007

- Working on Air transport displays system. The product is placed in the cockpit to display vital statistics of civil aircrafts planes (e.g. MD10, B737 and B777).
- Followed CMMi level 5 and DO-178B standards in Software life cycle. The software is of Level A type by DO-178B standards (written to comply with high quality standards).
- Successfully developed requirement documents using the requisitions from the air transport civil plane clients.
- Developed various parts of the functional areas of the software using C, C++, ADA, and MySQL.
- Performed verification on the software which complies with the quality standards of CMMi level 5.
- Acquired aerospace domain, six-sigma knowledge and used the same in the project.
- Developed 13 tools in PERL and MS Excel to automate process and reduced the effort in software cycle by 80%.
- Initiated reuse in the project to save time affecting lifecycle time and man hour effort by 32%.
- Implemented the market standard procedures to the software resulting in successful Federal Aviation Administration certification of the product.
- Initiated new process steps to the existing software process in accordance to six sigma and CMMi level for reducing effort and defects in work products by 12%.
- Performed extensive testing (unit testing and requirement based testing) on the software which complies with the high quality standards of DO-178B and CMMi level 5.
- Developed 5 test (verification) automation tools in PERL and MS Excel to automate testing and hence reduced the verification effort by 23%. Also did a six sigma green belt project on the same.
- Used ACM to maintain testing and development artifacts. Also used internal web based bug tracking, inspection and metrics data collection tools and their automation.

Ruchi Infotech, Indore, India

Software trainee engineer, March 17, 2003 to August 2, 2003

- Worked on a project for automation of a big industrial unit constituting of motors and valves, which could be completely operated using the software interfacing programmed logical unit.
- Implemented updates in software for voice alarms for all errors and failures in the unit.
- Designed the software enabling complete visual operation of a big unit from one computer by a layman operator in VB, MS Windows, and Oracle/MS Access.
- Reduced criticality failures by log creation and reduced effort on manual monitoring of the unit.
- Designed and developed web site parsing, data grabbing/mining, storing and presenting software for the corporate in C++, Perl, Core Java and MySQL.

SSi Ltd., Dhar, India

Senior Faculty and Programmer, February 1, 2002 to August 8, 2002

- Trained around 500 graduate and undergraduate students as well as professionals and government employees on various computer skills.
- Taught courses included programming languages like C, C++, Java, VB, operating systems like Windows 95/98/ME, Linux, applications like MS-Office, FrontPage Express and web authoring tools like HTML, DHTML, VB and J scripts.
- Planned, designed and implemented software for the local businesses. Software for were planned, designed, created and implemented. Training to use the software, maintenance and upgrades to the software were given when required.
- Implemented computer based examination pattern for testing the students' level of understanding of the module they were taught. Enforced the same in 3 local schools, studied the results and took feedback and implemented the changes in the software.

Computer Proficiency

Languages: ADA, C, C++, JAVA, VB, PHP, Perl, COBOL, Pascal.

Operating System: MS DOS, MS WINDOWS9x/2000/NT/XP, UNIX, Linux, VAX.

Databases: Oracle 8i, MS Access, MySQL.

Web: HTML, PHP, DHTML, VB & J Script, EJB, JSP, Servlets.

Educational Qualification

Diploma in advanced computing

Centre for Development of Advanced Computing ACTS, Hyderabad, India

Cumulative GPA: **3.82**

Projects:

- Smart card reader in JAVA and MySQL
- Chat application for intranet in JAVA

Bachelor of Engineering in Computer Science and Engineering

Rajeev Gandhi Technical University, Bhopal, India

Cumulative GPA: **3.41**

Projects:

- Online examination in Java
- Ex-student record in C
- Teacher feedback system in C

Extracurricular activities, Achievements and Publications

- Presented technical paper titled "*Internet and Education*" in a national level seminar organized by the Computer Society of India, Vallabh Vidhya Nagar, Gujrat Chapter. Won consolation prize for the same paper in a state level seminar.
- Successfully developed software and web sites for college administration and local businesses.
- Student Member, Computer Society of India
- Worked as an active volunteer in organizational (company initiated) community service, re-use, IP, life after work, internal e-zine and emergency response initiatives.