Mayank Shah
mayank.achako.shah@gmail.com
+91 81059 23485

Objective

I intend to become excellent in software development, to contribute in the growth of the organization and synchronizing personal growth with it.

Educational Qualification

Degree/Certificate	University/Board	CGPA/PPI/Percentage (%)	Year of passing
B.Tech(I.T.)	Nirma University, Ahmedabad	7.52/10	2012
HSC	Gujarat Board	88.40	2007
SSC	Gujarat Board	90.43	2005

Area of Interest

Data structures, Algorithm analysis and problem solving, C, C++, kernel programming and debugging, cloud development tools

Technology Used

Operating System	Unix , Linux server, Cent OS, Windows Xp/7, RHEL
Programming Languages	C , C++
Web Development Language	XML, HTML
Scripting Language	Shell , PERL
Databases	Oracle11g, MySQL and Teradata
Networking	Storage Area Network(SAN), Network Protocols, SNMP
Tools	Eclipse, NetBeans, Vim
Version Control Systems	SVN, ACME

Work Experience

Current Company   **:** Nokia Solution and Networks
Job Profile   : R & D Engineer
Duration   **:** Dec'14 to present
Job Description   **:** Developing cloud based controller for wifi APs

Previous Company   : WIPRO TECHNOLOGIES
Job Profile   : Unix/C/C++ developer
Duration   : Aug'12 to present (2 years 2 month)
Job Description   : Has been working as a C/C++ developer

Profile links

- Top coder: http://www.topcoder.com/member-profile/mak_coder/
- Hacker Earth: http://www.hackerearth.com/users/mayank9/
- CodeForces: http://codeforces.com/profile/mak_coder?csrf_token=6h4da9gh9ec6ag89cgc7h41b17fcebhd
- LinkedIn: https://www.linkedin.com/pub/mayank-shah/38/aa4/7b6

Projects

1. **Nokia WiFi Cloud based Controller (Nokia) :**
   - Design and development of Cloud based Controller modules from Scratch
   - Development in C/C++ based on the agile method of development

2. **Cisco SAN Switch - MDS bug fixing and enhancement (Wipro):**
   - The project is regarding enhancement of the storage switch functionality of Cisco Nexus (N7k) and MDS, used in Storage Area Network.
   - The switch configuration is retrieved by communication with LC by MTS calls with sups.

- Enhancement of the CLI and SNMP functionality provided by Port Manager.
- Fixing the current issue with the CLI and SNMP Component and DCNM (UI for switch).
- Working with Linux Server for Building the components and Image of different switch.
- **Tools used**: ACME, C/C++, OHMS, DCNM, Scrubber

3. **Key Operational Metrics – Walmart (Wipro):**
- KOM in Walmart is the Unit for QA and testing UI for scorecards of Sam's Club (a group of super stores under Walmart). The method of building the UI was agile.
- Build the test cases for manual testing and automation scripts.
- QA the scorecard with the OBIEE process.
- **Tools used**: HP ALM, VB Scripting, Teradata, SQL

4. **Architecting the Private cloud(IaaS) for the Nirma University(Academic Major Project):**
- NirmaCloud intend to provide Computing Infrastructure and Operating System within the premises of Nirma University Network. One small Data Center is created at NirmaLab by using OpenNebula Cloud computing toolkit. NirmaCloud is hosted on Cent-OS 5.5 and able to provide Infrastructure.
- Application used Java (Swing) for front end to interact with NirmaCloud.
- Back end used JDBC with MySQL Database to store client information.
- Developed Metering and Billing System for NirmaCloud.
- Awarded Best Project of C.S. Department-2012 within University.
- **Environment**: OpenNebula 3.2(Cloud API), Xen 3.0 (Hypervisor), CentOS 5.5(Host OS)

5. **Dr. Rooster, Android Game(Academic Minor Project):**
- Developed an arcade game-"Dr.Rooster" using android SDK (2.0) , it is an arcade game having dynamic difficulty based on the current score of the User.
- The theme is based on a poultry farm and user plays the role of a rooster, a doctor. It saves the lives of the ill hens. The game has different kinds of special effects based on the different scenarios along with an illness meter and current score.
- Developed the collision detection algorithm based on boids algorithm, designed the UI for the game.
- Responsible for UT, diagrams and SRS document development.
- **Tools Used**: Eclipse IDE 3.6.1, Android SDK (2.0), OpenGL- es 1.0, Drawing tools i.e. Photoshop

Seminars/Workshops:

- Presented Seminar on Various issues in Cloud Computing, Augmented Reality.
- Attended a workshop on i-phone application development.
- Attended a workshop on "DB2 Fundamentals and software development using Data studio" by IBM.
- Image-Processing & Multimedia" presented by Dr. Borko Furto (Prof. at FAU).

Awards/Achievements

- Secured 2nd position in the WIPRO TECHNOLOGY training program on Unix/C++
- Cleared Certification Program(UCF) of WIPRO for Level-2 developer in Unix Sys/C++
- Actively participated in Project Poster Competition and secured 2nd place for project based on cloud IaaS
- Won an under 18 chess tournament at district level
- Got 5th rank in SSC and 8th rank in HSC in the District Surendranagar

Personal Details

Date Of Birth: 28th September, 1989
Address for correspondence: 5, Somnath Park, Dudhrej Road,
                                  Surendranagar-363001, Gujarat
Languages Known: English, Hindi and Gujarati