

NAUMAN MAHMOOD MALIK

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EDUCATION

* California State University, Chico

Master of Public Administration, December 2010

* California State University, Chico

Master of Science in Computer Science, December 2008

* Army Public College of Management & Sciences, Rawalpindi, Pakistan

Bachelor of Science in Software Engineering, October 2003

EXPERIENCE & PROJECTS

* **Computer Programmer, California Pavement Preservation Center** – August 2008 till now – <http://www.ecst.csuchico.edu/cp2c/>

- Developed website using PHP and MySQL as database

- Created document templates for daily office use

- Conducted research on GIS systems

* **Consultant, Capgemini LLC** – January 2007 to December 2007 – <http://www.capgemini.com>

- Loaded data in SAP using custom built programs and verified it against legacy system using Excel as a tool

- Updated and Maintained RAIN website using WIKI markup language - <http://www.rainnovation.com>

- Created Macro in MS Excel for variety of usage using VBA

- Wrote Functional Specifications and Change Requests for ABAB programs in SAP

- Used *Informatica* to map legacy data against database and created flat files for loading using SAP

- Created *Quick Viewer* queries for SAP to extract data

- Developed GUI for users to load data to Oracle from Excel sheets and wrote training material for GUI

* **Student Analyst, Network Operations, CSU Chico** – September 2005 to January 2007 – <http://www.csuchico.edu/nop/>

- Developed *Nagios plug-in for SMS using GSM Modem* on a Linux platform using C

- Helped in *Cisco Clean Access* installation & configuration

- Installed & Configured *Nagios for Red Hat Linux*

- Wrote report about *Authentication gateways*

- Maintained *MRTG* server configurations & web site

* **Software Developer, ZTE Telecom Pakistan** – January 2005 to June 2005 – <http://www.zte.com.cn>

- Designed the *Service Provisioning module* for PTCL B&CC project

- Participated in writing *SRS & SDS* for Mediation module

- Contributed in debugging and fixing *old code for Service Provisioning* written in Unix C

- Developed experimental modules for *Service Provisioning* in Unix C & Delphi

- Participated in training regarding *CMMI*

* **Software Developer, Mobile Technologies Pakistan** – October 2003 to December 2004 – <http://www.valentiatech.com>

- Participated in development, testing, bug fixing & documentation of *Mobile Messaging gateway* for both sending & receiving messages using C# & MS SQL Server

- Developed & documented SDKs for *Smart Messaging, EMS Messaging, GSM Communication, MMI, MM4 & MM7* using C#

- Participated in development, testing, bug fixing & documentation of *SMS monitoring system* for Paktel Pakistan, using C# & GSM/CDMA modems/phones. The project was completed in time and well in budget.

- Development of SDKs i.e. *Smart Messaging SDK, EMS SDK, MMS SDK, GSM SDK* saved the company about \$10,000 & a lot of time in terms of technology transfer and code enhancements

* **University Projects**

- Participated in design & development of *socket based, multi threaded & multi process* applications using Unix C

- Designed & Developed games for mobile devices using J2ME for MIDP 2.0 & CLDC 1.1

- Developed the website for PSA using AJAX and PHP – <http://www.csuchico.edu/pakistan>

PROGRAMMING SKILLS

C# .NET, VB.NET, ASP.NET, Java(J2EE & J2ME (MIDP 2.0 & CLDC 1.1)),C/C++, Unix/Linux C/C++(POSIX), VB 6, VC++, Assembly, MS SQL Server, MySQL, Oracle, Matlab, HTML, PHP, DHTML, JavaScript, XML, SOAP, AJAX, MSMQ, Web Services, .NET Remoting, .NET Installer, MS Office Macro, UML, DFD, ER

SOFTWARE

Linux Red hat 9, Unix IBM AIX, Windows, Cisco Shell

Nagios, NowSMS, NowWAP, Lotus Notes, MS Project, Microsoft Office (Word, Excel, Power Point, Access, Outlook), Adobe Photoshop, Dreamweaver, Flash, IIS, Apache 2.2, NUnit test tool, .NET obfuscator, MS Visual SourceSafe,

LEADERSHIP SKILLS

- Managed APCOMS Professional Development Forum software wing

- Participated in Leadership training program by Fauji Foundation