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Summary of Qualifications:

Development Skills	Years
Win NT, ME, XP, 2000, 95, 98, 2003	13
Linux (Redhat, Gentoo, Debian)	10
Apple OSX	5
C++, Visual C++	6
VB, VB Script, ASP 2,3	4
PHP3/4/5	3
ActiveX	3
ChartFX	4
MS SQL Server 7,2000	5
Oracle 9i	1
Sybase ASE	2
Apache 1,2 IIS 4,5,6	3
Trolltech QT Library (Linux)	2
MapXtreme	4
Facebook API	.5
MySQL	4

Wireless Related	Years
Mapinfo 6,7	8
PlaNet, PlaNet EV	4
Nortel & Nokia GSM,	5
Nortel CT Tools	3
Nortel BSS Counters/Parameters	5
Nortel OMC / Nokia OSS	4
Ericsson UMTS	1
PlaNet AFP	1
MapBasic 7	2
Optimi DVCF	1

Hardware Development	Years
PIC, 8051, 6805, MIPS	6

Experience:

MatchFlick.com, Charlotte, NC
June 2007 - Current

Web Developer (Part Time):

- Implemented VBulletin forum - created custom bridge for current login system using PHP.
- Created Facebook Trivia application.
- Implemented CAPTCHA protection to reduce spam issues.

Bellsouth Mobility DCS/Cingular Wireless/AT&T, Raleigh, NC/Greensboro, NC
January 2000 – June 2007

Traffic (BSS) Engineer (Full Time):

- Identified and assisted in the removal excess network resources to increase efficiency.
- Used tools to provision GSM voice and data network.
- Worked with BSC/core network planers to ensure economic provisioning of core network.

RF Tech Support Engineer (Full Time):

- Deployed web based performance tools to different markets within Cingular Wireless supporting over 100 engineers.
- Used MapXtreme NT to create web based tool for disaster (Hurricane, Flood, Ice Storm) recovery that covers 10 states in the Southeast USA. (This tool was used during Katrina and Rita in the 2005 hurricane season)
- Managed 10 MS SQL Server 2000 boxes
- Wrote and implemented process for importing data from Nokia OSS (FM, Performance, Configuration)
- Wrote and implemented tool for automating extraction of Nokia MSC data tables.
- Wrote and implemented tool for extracting data from Scout & AMS (E911) databases.

- Worked on Nokia Rip project (replace Nortel BSC/BTS with Nokia BSC/BTS)
- Managed 4 contract employees to assist in while Cingular replaced all Nortel BSS equipment with Nokia equipment

RF Performance Engineer (Full Time):

- Helped RF team to improve network though use of retunes and parameter changes.
- Developed web based, and single user applications for interference detection, and AFP assistance.
- Created tools for automating workflow processes such as Datafill for Nortel GSM Switch.
- Wrote tools to scrub PlaNet and OMC databases to ensure consistency. Created tools to track alarms, and site downtimes.
- Created disaster tracking tool that helped Cingular's North Carolina network recover from over 50% outage in less than 2 days.
- Worked on Nortel E3 BSC trials

RF Co-Op (Part Time):

- Worked extensively with wireless network involved in maximizing network performance by drive testing, and other tests in the field.
- Created statistical web site for engineering team to use to maximize network performance, and view network status. Website utilized Unix shell scripts, and complex DTS code to import all counters into a SQL database for manipulation with ASP scripts.

Best Buy, Raleigh, NC
June 1998 – December 2000

Wireless Phone / Satellite Sales:
- Sold wireless phones to customers (AMPS, CDMA, TDMA, GSM 1900). Helped customers determine which service plan best suited needs.
- Sold DirecTV satellite systems, and service plans. Sold Best Buy Performance Service Plan to customers.

Micro Computer Center, Charlotte, NC
August 1996 – July 1997

Computer Technician:
- Built new computer systems. Troubleshot x86 PC's.
- Oversaw the return of defective products.
- Built windows 3.1, and Windows 95 based PC systems from parts, installed operating system.
- Helped customers decide what kind of computer system, or upgrade suited their monetary state, and computer needs.

References available upon request

Other Projects (Open Source Related):

- Added digital television (ATSC & DVB) support for MythTV (Open Source PVR) (http://www.mythtv.org)
    - Support for over the air electronic program guide (EPG)
    - Framework to allow recording of multiple programs contained on a single multiplex
- Added ATSC (American High Definition Television) support to linuxtv DVB API (http://www.linuxtv.org)
- Wrote numerous drivers for ATSC based digital TV Cards (BBTI Air2PC, DviCo HDTV Fusion Gold 3, and BBTI Air2PC HD5000) for linuxtv DVB API.

Education / Certifications:
Nortel & Nokia GSM Certifications

Ericsson UMTS Certifications

Fundamentals of Engineering (EIT), December 2002

University of North Carolina Greensboro, Greensboro, NC
Currently Enrolled - Expected Graduation April 2009, MBA

North Carolina State University, Raleigh, NC
Graduated December 2002 B.S., B.S. Electrical Engineering

West Charlotte High School, Charlotte, NC

High School Diploma, June 1996.

Awards:

Pacesetters, Cingular Wireless, 2004, 2005