

Detailed Work History (starting with most recent)

Independent Consultant (current)

- Custom content management system (CMS) - Drupal, Custom Drupal modules, Mambo, Joomla
- Custom web sites and e-commerce web sites – MS Visual Web Designer, HTML, PHP, MySQL, Java
- Evaluate and recommend computer software and hardware and conduct training for customers
- Custom Windows PC software - Visual Basic, Visual Basic.NET, PowerBASIC, C, C+, .dbf, etc.
- Custom .dll files
- Translate and adapt source code from popular programming languages
- Created EZ Reregister PC software and web application -[EZ Reregister](#)
- Advanced user of MS operating systems/Linux (emphasis on Debian and Redhat)

Technical Project Manager (Sprint Nextel – April 2003 – March 2008)

- MS Project April 2003 through June 2005, then Sprint's internal web-based project management application (8/80 granularity)
- Documented/updated project objectives, deliverables, milestones, time lines, and status
- Established/managed project restraints including time, budget, material resources, and people
- Analyze expected outcomes to calculate benefit to company and customers
- Set correct project expectations for management teams, internal employees, and vendors
- Initiated PO requests, inspected work for quality compliance, approved vendor payments
- Wrote and/or co-authored SOW (Scope of Work) documents for vendors and internal teams
- Wrote and/or co-authored MOP (Method of Procedure) documents for vendors and internal teams
- Analyzed, evaluated, and reported on data, software, and hardware
- Made recommendations for functional, equipment, and procedural improvements or changes
- Performed post project analysis to identify/refine best practices, revise SOW and MOP documents
- Led/participated in cross-functional teams
- Documented system, software, and equipment specifications, work flow, work distribution, and information sources
- SME (Subject Matter Expert) point of contact for vendors, internal employees, and management teams
- Used MS Office (Outlook, Access, Power Point, Publisher, **Word**, Visio, and **Excel**)
- Weekly project status updates to Sr. Technical Project Manager for each project
- Prepared and presented project impact, status, and completion reports to management teams
- Used PMBOK principals to manage projects
- Used web-based DW (Data Warehouse) to create custom SQL reports
- Projects included but not limited to:
 - Hughes Microwave equipment
 - Software evaluation/installation
 - Eastern Research DNX equipment installation
 - Adtran multiplexers
 - TCP/IP, LAN, WAN, Telnet, T1, DS3, OC-12, OC-48
 - hydrogen fuel cell installation
 - MSO alarming schemes
 - safety equipment
 - AC to DC converting power plants and battery back up

Sr. Field Engineer (Sprint Nextel)

- Built and commissioned new sites into the network structure
- Preventive/corrective maintenance on Motorola iDEN cellular sites and network
- RF Drive testing to analyze system performance and recommend network changes
- Utilized SDLC and Waterfall Methodology principals, to design, create, test, and distribute software and reports
- Designed custom PC software tool to manage site RF data for drive testing - adopted by Nextel as a company standard
- Designed custom PC software tool to manage failed equipment RMA process – adopted by Nextel as a company standard
- Managed and maintained material assets for Columbia, SC market -site audits/spares inventory
- Managed depot level repair program for spares
- Evaluated software and hardware for use by Field Technicians, and network sites
- IT support for Columbia, SC Network Operations Team through April 2003
- T1 and DS3 installation and troubleshooting
- T1 time slot shifting
- TCP/IP, routers, LAN, multiplexing, telnet
- RF electronic test equipment, antenna and line sweeping equipment, data cables, manual and auto-tune combiners
- Network outage planning, notification
- Initiate NOTAM to FAA for tower light outages
- Resolved customer network issues

Sr. Electronics Technician/Service Manager (Carolina Communications, Greer, SC)

- Install and repair Motorola, General Electric, and Johnson base stations, mobile radios, portable radios, and pagers
- Maintained Motorola 800 MHZ SMR sites in Anderson and Greenville, SC, and Tryon Peak, NC
- Managed parts inventory
- Scheduled shop and field work for installers and technicians
- Responsible for resolving customer issues

Electronics Technician for Motorola, Inc.

- Install and repair Motorola and General Electric base stations, mobile radios, portable radios, and pagers
- Responsible for customer satisfaction on all repairs
- Acting Service Manager during his absence
- Maintained 85% productivity rating during a 40 hour work week (Motorola's computer based ticketing system)
- Averaged 25 completed repairs per week (required to average 20)

Electronics Technician in US Navy

- Preventive and corrective maintenance on radar, navigation, and communication systems
 - Repaired general and special purpose electronics test equipment prior to calibration cycle
 - Scheduled preventive maintenance checks for work group
 - Instructed reservists on active duty in advanced electronics systems
 - Wrote performance evaluations for Jr. enlisted personnel
 - Supervised radar and navigation teams aboard USS Sierra AD-18 (repair ships are industrial environments)
 - Five month Indian Ocean cruise from Charleston, SC in 1985
 - Honorable discharge September 29, 1989 at rank of E-6
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Education

(starting with most recent)

New Horizons Computer Learning Center (MCITP Training Track)*:

- Implementing a Microsoft SQL Server 2005 Database – [Completed 05/18/2009](#)
- Maintaining a Microsoft SQL Server 2005 Database – [Completed 05/29/2009](#)
- Designing a Microsoft SQL Server 2005 Infrastructure
- Designing Security for Microsoft SQL Server 2005
- Designing High Availability Database Solutions Using Microsoft SQL Server 2005
- Administering and Automating Microsoft SQL Server 2005 Databases and Servers
- Troubleshooting and Optimizing Databases

Sprint Nextel:

- *Motorola iDEN System School* (14 days)
- *RF Optimization Strategies* (3 days)
- *Mobile Packet Data* (3 days),
- *Anritsu Spectrum Analyzer Certified* (3 days)
- *Customer Privacy Corporate Compliance* (1 day class, 4 hours each year to re certify)
- Earned Certificate in *Front Line Management* from Darla Moore School of Business (July 2001)
 - Leading and Facilitating High-Performance Work Teams
 - Assertiveness Training
 - The Power of Negotiation
 - Leadership Skills for Front-Line Managers
 - Communication Strategies for Improving Performance
- *All Inclusive Workplace* (1 day)
- *Sexual Harassment Policy* (1 day)
- *Harris Microwave* (3 days),
- *Adtran Multiplexer Equipment* (3 days)
- *Reli-On Hydrogen Fuel Cell* installation and optimization (5 days)
- *Plug Power Hydrogen Fuel Cell* installation and optimization (5 days)

Motorola, Inc:

- *Mobile Radio Installation and Repair* (15 days total)
- *Portable Radio Maintenance* (5 days total)
- *Advanced Miniature Soldering/Board Level Soldering* (3 days)

US Navy:

- *Basic Electricity and Electronics School, Orlando, FL* (4 months)
- *Electronics Technician School, Great Lakes, IL*, (6 months)
- *Air Search Radar Training, San Diego, CA* (3 months)
- *Altitude, Identify Friend or Foe Air Search Radar System, Millington, TN* (6 months)

Glenn Hills High School Augusta, GA:

- 3.9 GPA - advanced academic and college preparatory curriculum
- National Honor Society 10th, 11th, 12th
- Ecology Club 8th and 9th
- Editor in Chief of school newspaper 10th, 11th, 12th
- Varsity football 10th and 11th

* This training approved and funded by the SC WIA (Workforce Investment Act). Instructor led courses will be during normal business hours the weeks of May 11 and 25 2009. The remainder of the course will be completed over a 2 - 4 month period during evening hours. This certification program is %100 funded, and a future employer will receive all of the benefits of the training at no cost.

Objective

A long term, challenging, technical career opportunity based in the Columbia, SC area.

My ideal position would allow me to use my accumulated knowledge and experience in the fields advanced RF electronics and information technology, or information technology and computer hardware (including PC desktop software development, web site and web application design, and database administration), and project management in a challenging work environment.

I would also like to continue to grow in these areas, and have the opportunity to increase my knowledge and experience, and learn new skills and abilities.

ACT *Work Keys Scores for Mark S. Pruitt

These results were updated 4/10/2009

Applied Mathematics (AM) (levels range from 3 to 7): **6**

Locating Information (LI) (levels range from 3 to 6): **5**

Reading for Information (RFI) (levels range from 3 to 7): **7**

Gold Rating

Work Keys Scores Needed for These Careers

<u>Job Title</u>	<u>AM</u>	<u>LI</u>	<u>RFI</u>
My Scores	6	5	7
Computer Programmers	5	5	5
Computer Support Specialist	5	4	5
Computer Systems Analyst	4	4	4
Database Administrator	5	4	6
Electronics Engineer	5	4	5
Electronics Engineering Technician	5	4	5
Software Engineer	6	5	5
Systems Software	6	5	5

®

*The WorkKeys® job skill assessment system is used to measure real-world skills.

For more information about Work Keys, and how the above scores can help you as a potential employer gauge my readiness to work for you, see the below site.

[HTTP://act.org/workkeys/education/index.html](http://act.org/workkeys/education/index.html)