Daniel Hanks Jr

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https://dphanksjr.github.io/portfolio

SUMMARY

Experienced IT professional with a broad knowledge of hardware, software, and networking technologies.   Proficient in database design and development, along with creating and modifying complex queries, stored procedures and data sets for use in applications and reports utilizing SQL. Software development experience within both LAMP and Windows environments utilizing languages such as Python (within Django/Wagtail), C# (within an ASP.NET framework), PHP, Ruby(within Ruby on Rails), HTML, CSS, XML, XSLT, JSON, jQuery and JavaScript. Experience using, modifying and creating web sites and pages in content management systems such as Wagtail, Cascade and WordPress. Data Science experience includes extracting and analyzing data, then turning it into useful information and visualizing it.

TECHNICAL SKILLS

- **Programming:** ASP.NET, C++, C#, HTML, CSS, PHP, JavaScript, jQuery, JSON, Python, Ruby, R, XML, XSLT
- **Software/Frameworks:** WordPress, Django, Wagtail, Ruby on Rails, Visual Studio, SQL Server, MySQL, Access, Excel, SharePoint, Microsoft Office, Adobe Creative Suite, VMware, Virtual Box, GIT, IIS, Apache, Tomcat
- **Operating Systems:** CentOS, Windows 2000/XP/Vista/7,8, Windows 2000/2003/2008 Server , OS X
- **Networking:** Active Directory, Novell, Citrix, LAN, WAN, TCP/IP, WINS, DHCP, DNS, Cisco IOS, VLAN, Routing Protocols (OSPF, EIGRP, IGRP, RIP), ACL implementation, VPNs

EMPLOYMENT HISTORY

Syracuse University Libraries, Syracuse NY   **2/2014 - Present**
IT Analyst/Programmer
- Planned, customized, developed, designed and tested library web applications in LAMP, WordPress and Django/Wagtail.
- Theme and plugin development and installation in WordPress.
- Made customizations and improvements to web applications such as Alma/Primo VE and Arclight/Blacklight.
- Tested and modified previous and new sites ensuring W3C standards for accessibility.
- Imported, exported and retrieved data from various sources for storage and display.
- Installed, evaluated, implemented, and customized open-source web software.
- Created system and software documentation as needed for new and existing systems
- Recommend changes to existing systems and implement new systems as needed.

Bryant & Stratton College, Liverpool, NY   **5/2010 -3/2014**
                                        Syracuse, NY   **9/2016-Present**
Part-time Evening Adjunct Instructor in Networking Technology
Responsible for teaching students in a hands-on computer lab environment that prepares them for A+, Network+, Cisco and Microsoft certifications. Examples of skills taught to them include:
- Installing, configuring, troubleshooting, and securing networks.
- Managing users and sharing resources.
- Working with network and routing protocols.
- Researching, evaluating, recommending and specifying hardware and software components and complete systems for enterprise needs.

Loretto, Syracuse, NY   **10/2012-2/2014**
Analyst/Programmer

- Analyzed user requests to determine parameters of required program and if a new program must be created or if an existing program can be modified.
- Designed, coded, tested, maintained and documented complex programs based on user requests.
- Built complex user interface applications and back-end databases using various web development tools, programming languages and scripting languages.
- Prepared user and technical documentation for implementation and support.
- Analyzed and documented user information needs or business problems and determined most effective/efficient programming solutions.

Falk College of Sport & Human Dynamics, Syracuse NY   3/2006 – 10/2012
Computer Consultant
- Designed, programmed and supported college website using ASP.NET, C# and JavaScript.
- Created and updated sites for student groups.
- Built forms that would gather recruiting information and assist in scheduling classes.
- Created master pages to speed up development of web site.
- Wrote and modified databases that utilized SQL.
- Organized and instructed group training sessions on a variety of applications.
- Administered Microsoft Windows Servers (Active Directory), Novell Servers and Microsoft Workstations

Bryant & Stratton College, Liverpool, NY   4/2001 -3/2006
Technology Coordinator
- Setup and managed Windows2003/XP, Novell NetWare and Peer-to-Peer networks
- Implemented Active Directory and Citrix environment for college
- Lead group training sessions on various software applications with faculty and staff
- Developed and implemented backup recovery systems
- Established and maintained network users and security
- Loaded and updated application software such as Oracle Applications, MS Office, and virus scan software
- Managed inventory of hardware and software, including licensees

CC Plus, N. Syracuse, NY   8/1999 – 4/2001
Computer Consultant
- Designed, created and modified web pages using HTML, Java, PHP, MySQL and programs such as Macromedia Flash, Adobe Photoshop and Dreamweaver
- Created databases and applications in Access and Visual Basic that utilized SQL
- Setup web servers and RAS servers using Windows 2000/NT and IIS 4.0/5.0
- Installed and configured routers and firewalls

EDUCATION

Syracuse University –School of Information Studies

Certificate of Advanced Studies in Data Science, 2017

Bellevue University

MS-Management of Information Systems, 2010
-Information Security Concentration

CERTIFICATIONS

Cisco Certified Network Associate (CCNA) (Expired 2014)
Security + (Expired 2014)