  Hello, my name is Sherrie McNulty

From Henrico, VA

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<http://sherriemcnulty.com>

Skills

Responsive Design, MVC Patterns, Web Service API, React, RESTful, JSON, JavaScript, jQuery, Node, Express, Handlebars, Sequelize, MySQL, Mongoose, MongoDB, Bootstrap, CSS3, HTML5, Shell Script, C, C++, Visual Studio Code, Postman, Git, Heroku deployment

Experience

AUGUST 2019 to PRESENT - University of Richmond Students - Richmond, VA - *Private Tutor*

* Provide tutorial services for students.
* SKILLS: React, Bootstrap, Media Query, CSS3, HTML5, RESTful, JSON, JavaScript, jQuery, Node, Express, Handlebars, Sequelize, MVC Patterns, ORM, SQL, Mongoose, MongoDB, Git, Visual Studio Code, Postman, and Heroku deployment
* OPERATING SYSTEM: Windows

DECEMBER 2001 to MAY 2010 - Sherrie McNulty LLC and Purple Finch Realty LLC - Merrimack, NH - *Consultant, Broker*

* Launched two businesses and managed them simultaneously
* Designed, implemented and deployed websites and software applications
* Created procedural documentation and marketing materials
* Set-up and maintained computer systems and peripherals
* Provided in-house training and support
* Office administration and customer support
* SKILLS: JavaScript, HTML, CSS, Adobe Photoshop CS and ImageReady, Microsoft Office
* OPERATING SYSTEMS Windows

DECEMBER 2000 to AUGUST 2001 - Avid Technology, Inc. - Tewksbury, MA - *Sr. Software Engineer*

* Created web applications
* Architected and built an online content management system with automated archiving that enabled journalists to publish articles to our public website independently
* SKILLS: JavaScript, MySQL, HTML, CSS, ASP, XML, Shell Script, C
* OPERATING SYSTEMS: Windows, MacOS, HP/UX

OCTOBER 1997 to DECEMBER 2000 – Sanmina-SCI - Salem, NH - *Sr. Software Engineer*

* Designed and implement web and CAM software applications for high-end multi-layer circuit board manufacturing
* Created functional and detailed design documentation
* Suggested and developed a version control system in response to a week-long production outage after a developer released defective code prior to going on vacation
* Replaced text entry with graphical user interfaces on production systems to reduce material waste
* Built a web-based forum to improve communication between production engineers across sites
* SKILLS: Oracle, Progress, Perl, C, Shell Script, JavaScript, HTML, CSS, JavaScript, ASP, XML, Genesys Macro Language
* OPERATING SYSTEMS: HP/UX

FEBRUARY 1994 to OCTOBER 1997 - Applied Analysis Inc. - Westford, MA - *Software Engineer*

* Communicated directly with our chief scientist to gather information
* Converted scientific functional specifications into algorithms with discretized math
* Created detailed specifications
* Led the development team during a transition period of integrating Windows with a single platform Unix environment which required integration of C++ with legacy C code
* Designed and implemented a spectral signature database that was the core of all of our products
* Developed a bathymetry prototype that won a $400,000 grant to launch the development of a corner-stone product
* Overseas deployment
* Provided customer support
* Created a version control system that automated compilation, release and promotion of code in a multiplatform environment to enable roll-back functionality and improve the reliability of releases
* Created instructional guides
* Provided customer training and support
* Hired and mentored a junior developer and a systems administrator
* SKILLS: C, C++, HTML, Shell Script, Erdas Imagine EML
* OPERATING SYSTEMS: HP/UX, Solaris, Windows
* SECURITY CLEARANCE: Secret

JUNE 1993 to JANUARY 1993 - Wyle Laboratories - Hampton, VA – *Programmer*

* Designed and coded a real-time data buffer for wind tunnel stress tests on military aircraft models
* SKILLS: C, Shell Script
* OPERATING SYSTEM: VAX/VMS
* SECURITY CLEARANCE: Confidential

Education

* University of Richmond, Richmond, VA – Full-Stack Web Development Certification, 2019
* Utah State University, Logan, UT - Bachelor of Science in Computer Science (GPA: 3.5), 1993