

Ryan Morris

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SUMMARY

Dynamic IT professional with over 7 years of experience and an outstanding track record with proven ability to analyze, design, develop, upgrade and implement solutions to meet business objectives. Customer focused team player with exceptional analytical, problem-solving skills and an aptitude to quickly learn. My work experiences exemplify confidence in adapting to various work environments with the ability and drive to build creative solutions, implement new systems and applications. Effective communicator with excellent interpersonal skills, understanding of IT general controls, led and managed teams to deliver projects successfully.

ANALYST SKILLS

- Analyzed and implemented optimizations for algorithms in completed projects
- Led programming teams to promptly develop applications
- Reported issues, reviewed code, and managed the project using Git
- Read technical documents (API documentation) for JavaScript Libraries (jQuery, Highcharts, Google Maps), C#, C++, PHP, and Java
- Designed and managed projects with Microsoft Visio and Excel

PROGRAMMING SKILLS

- Develop programs using C#, Java, PHP, JavaScript, Swift, Python, HTML5, CSS3
- Developed functional front-end interfaces for Web and Mobile applications
- Presented Sourced Health at Innovate Niagara's Pitch Perfect event, a deep learning web application, sourcing data from social media to Neo4J graph database for analysis
- Create micro services utilizing MongoDB, Redis, PostgreSQL, MariaDB for database solutions
- Write scripts using Bash, Batch, PowerShell to automate redundant tasks
- Use of GitHub, GitLab, BitBucket for source code management and versioning control
- Native and Xamarin app creation for iOS, Android, Windows UWP platforms
- Deploy SQL Server Integration Services packages to automate processes and notifications
- Automate income and inventory forecasts in Excel with Macros and formulas

PROBLEM-SOLVING

- Developed new algorithms based on Research Papers and Technical Journals
- Dealt with implementations that failed and corrected the system before going to production
- Read various technical journals and forums to find proper workarounds/replacements for deprecated methods and classes
- Analyzed and solved client problems related to the scope of a project

COMMUNICATION

- Documented web assets and infrastructure in Excel with scripting to automate CSV files
- Led team members to convert old code into new functioning algorithms
- Collaborated with other programmers using Git and Slack

WORK EXPERIENCE

VxFusion May 2017 - Present

Systems Administrator / Web Developer

- Deployed IIS web hosting solution using Windows Server 2016 with MySQL for real time replication resulting in 2X speed improvement
- Automated Excel docs to track server costs, manage domains, and to generate CSVs for export

Niagara College Canada July. 2016- May 2017

Computer Programming Research Associate

- Programming a third-party solution for an IOT device to upload and analyze data in a real-time web portal built in PHP and JavaScript
- Presented new features and implemented clients' feedback
- Read Technical APIs and Journals to implement new libraries and methods

Niagara College Canada Dec. 2015- April 2016

Computer Programming Research Assistant

- Design Xen Server cluster to run Arch Linux servers hosting multiple MySQL instances to capture weather data in the Niagara Region
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Niagara College Canada April 2014-April 2016

ITS-Hardware Technician

- Provide support on all hardware related issues on all Dell hardware across the campus
 - Install and maintain computer images across campus
- Implemented and documented licensing servers for Rockwell, RobotStudio and Windows KMS

Niagara College Canada Sept. 2010- April 2014

ITS-Helpdesk Agent

- Assisted with the daily support of the ITS service requests submitted by all Niagara College campuses by answering phone calls promptly and courteously
- Supported staff and students with Blackboard, PeopleSoft, software, hardware, and login issues

EDUCATION

Niagara College Canada Sept. 2010- April 2016

Computer Programming Analyst advanced diploma (Honors)

Computer System Technician diploma (Honors)

New Media Web Design diploma (Honors)