

Ryan White

Philadelphia, PA | rwhite@fastmail.com | (802)488-5451

EXPERIENCE

Senior Performance Engineer Performance Engineer

Nuix

August 2019 - Present
November 2015 - August 2019
Philadelphia, PA

Engineer on a two-person team responsible for the performance of all company products. Established regular communication with development teams, product management, and sales persons to anticipate and resolve issues. Helped team to set short and long-term priorities to effectively meet business needs. Worked remotely for one year when traveling across four continents and twelve cities with Remote Year.

- Implemented and then owned company's first automated performance tests across all products. Developed reliable and consistent automated infrastructure on HyperV, and customized HP Loadrunner tool to work with automated, version-controlled tests.
- Diagnosed issues for key clients, both domestic and international, and worked with development teams to coordinate and release patches.
- Worked directly with Nuix's founder and Chief Scientist on exploratory testing for core API shared across all products.
- Initiated and drove cross-product process changes to "shift left" performance testing. This enabled performance testing of products during the development cycle instead of post-development.

Software Engineer

mcaConnect, LLC

June 2014 – November 2015
Remote office

Developer on the Delivery Services team, focusing on Microsoft Dynamics AX 2012 and associated technologies. Responsible for unique development projects spanning multiple clients. Implemented code for agile, lean, and just-in-time manufacturing methods. Worked with functional consultants on customizing project efforts to precisely fit client manufacturing styles.

- Sole developer responsible for \$20,000 system integration effort. Developed web services to expose sales and shipping data to external systems, along with custom hooks at AX transaction points to ensure consistency between systems.
- Proposed new AX 2012 R3 security technology to client CFO. Led the design, development, and presentation of a proof-of-concept prototype. The new solution saved \$10,000 when compared to the alternative security options.
- Took over for senior software engineer to manage client's data integration with external Cisco phone systems. Documented and fixed over 80 service calls. Delivered operation time improvements of 50-150% on dozens of calls.

Software Developer, Intern

MyWebGrocer, LLC

June 2012 – December 2013
Winooski, VT

Intern for the internal software development team and member of agile development process. Regular contributor of code and documentation to production environments, focusing on C# and the .NET stack. Worked remotely during school year.

- In first summer, successfully supported over 100 production websites, with zero customer complaints or issues, in the absence of the full-time website support engineer.
- Ported 15 Classic ASP intranet tools to new international client's domain and environment. Post-completion, wrote scripts automating future transfers of these tools.
- Created and maintained several mission-critical tools on the Windows platform, still used by both Operations and Development teams within the company.

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Senior Project

Caring for Cambodia, NGO

January 2013 – April 2014

Siem Reap, Cambodia

Worked with team of 3 other students to design & implement a school management system for public schools in the Siem Reap province of Cambodia. Developed the system with Zend PHP.

- Traveled to Siem Reap and Singapore and met with essential stakeholders to gather system requirements.
- Managed \$6,000 IT budget. Project under budget and ahead of schedule at handoff to next team.

EDUCATION

B.A. Computer Science

Lehigh University

May 2014

Bethlehem, PA

Coursework: Accounting, Business Law, Finance, Supply Chain Management, Statistics, Database Design & Administration, Systems Programming, Algorithms & Data Structures, Software Engineering

SKILLS

- **Data storage/retrieval:** Elasticsearch, Apache Lucene, Apache Derby, Microsoft SQL Server, MySQL
- **Web design & frameworks:** HTML5/CSS3, jQuery, ASP.NET, Ruby on Rails
- **Programming languages:** Javascript, Ruby, Python, Powershell, Java, C#, C, PHP, X++
- **Operating Systems:** Ubuntu, Debian, CentOS, Mac OS X, Windows Server
- **Infrastructure:** AWS, Openstack, Hyper-V, Terraform, Ansible
- **Tools and applications:** HP Loadrunner, Apache JMeter, Jenkins CI, Dynamics AX 2008-2012, SQL Server Management Studio