

Lucas Elzinga

Full Stack Web Developer and Operations Engineer

jobs@lucaselzinga.com - www.lucaselzinga.com

Summary

I am looking for a position that not only challenges me, but also teaches me and allows me to improve my work ethic as well as the work ethic of my fellow colleagues. Furthering my knowledge and experience in the position I am given, in the hopes that I may acquire a higher position in a professional career through the experience I have earned. Eager to further myself and expand my horizons

Experience

Full Stack Developer at Microsoft

October 2013 - Present

- Designed, created, and tested ticket management system with many features such as admin panels and knowledgebase with an edit history leveraging C#, asp.net, SQL and JavaScript.
- Worked on validation framework/tests for hardware in Microsoft Analytical Platform System using C#. (shipped with product)
- Planned and created deployment management portal using XML template system. Integrated with Team Foundation Server and ticketing systems.
- Developed capacity management tool leveraging asset database. Giving visuals and summaries of buildings, rooms, and labs in a user friendly and responsive way. Using C#, Asp.net, SQL and JavaScript.
- Guided and taught interns with no in-depth knowledge of programming. Teaching them the structure and frameworks of existing tools and the capacity management tool mentioned above. Having them work with the code and implement features of their own.
- Managed software feature design documents and documentation for execution. As well as created and consolidated documentation for team processes.
- Increased the team's daily productivity, resulting in an overall improvement in automation and infrastructure within the team using C# and PowerShell.
- Used PowerShell to automate the collection of hardware firmware and other various information from hundreds of servers.
- Created base metal deployment system written in PowerShell.

Operations Engineer at Microsoft

January 2013 - Present

- Created/Maintained/Ran WTT jobs.
- Deploy Dell, HP, and Quanta Servers with storage arrays (JBODs)
- Deploy and configure Ethernet and Mellanox Infiniband switches

- Use/Creation of Powershell and batch scripts to detect faulty hardware across multiple labs and hundreds of servers.
- Run firmware updates/downgrades to specific levels both direct and remote.
- Troubleshoot and track down hardware and networking issues spanning across multiple labs.
- Create documentation of configuration steps and troubleshooting steps for future reference.
- Lab management of space, power, network and spare parts pool
- Support of both Test and Development on Analytics Platform System (SQL Server Parallel Data Warehouse) appliances.

Game Advisor at GameStop

October 2011 - January 2012 (4 months)

Worked on and off as a seasonal employee.

- Sell and advertise games and the GameStop pro-membership card
- On the job learning and problem solving
- Organize and describe games in a well thought out manner

Education

Kent Mountain View Academy

Highschool Diploma, 2006 - 2010

Activities and Societies: Leadership Courses

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lucas.elzinga@outlook.com



[Contact Lucas on LinkedIn](#)