John Regan

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OBJECTIVE   To be employed in an agency that does meaningful work that benefits society.

EDUCATION   *Bachelor of Science* Computer Science
University of North Florida, Jacksonville, FL, December 2009.

TECHNICAL   *Skills*
Continuous Integration, Continuous Development, Automated Testing, Scripting, Web Development, Systems Development, Networking, Database Development, Documentation, Security, Technical Support, Project Management, Multimedia Technologies, Written Communication, Data Analysis and Presentation.

Languages
Bash, C, C#, CSS, HTML, Java, JavaScript, LaTeX, Lua, Perl, PHP, SQL, XML

Platforms
IIS, Apache, Nginx, .NET Framework, Node.js, Docker, Azure, Amazon Web Services, Azure DevOps, GitLab, Red Hat Enterprise Linux, Debian Linux, Ubuntu Linux, Alpine Linux, Mac OS X

EXPERIENCE   *DevOps Engineer*   April 2018 - Present
Exelon Corporation, Customer Utilities Baltimore, MD
- Implemented single-pipeline, automated web deployment process, eliminated deployment failures.
- Reduced complexity in continuous integration/build pipelines, reducing build failures due to environment/outside errors.
- Worked across project teams to identify best fit within the larger Exelon web platform, assist with on-boarding teams into Azure DevOps account.
- Helped project teams implement best, safe coding practices with automated testing and code-coverage scanning.

System Administrator   May 2013 - April 2018
Oklahoma Mesonet Norman, OK
- Deployed ProxMox-based virtual server hosting environment, migrated legacy physical servers into virtual machines.
- Developed and deployed real-time notifications for weather data, used by emergency managers across Oklahoma.
- Implemented modern web development practices, such as a standardized git-based workflow, automatic code testing, continuous integration, and multiple environments (development, test, staging, production)
- Worked across multiple teams to identify and develop solutions in the fields of weather-related emergency management, research, and outreach.
- Worked with development and systems teams to modernize aging infrastructure.
- Developed techniques and procedures to automate deployment of new weather stations and redeployment of existing stations.
- Acted as a developer resource on new and maintained existing web projects, using Apache, PHP, Perl/CGI, NodeJS, Nginx, and Docker.
- Provided infrastructure services and desktop support to employees of the Oklahoma Mesonet and Oklahoma Climitalogical Survey, as well as external clients.

Operations Developer	April 2012 - May 2013
Computer Operator	July 2010 - April 2012

PGA TOUR Ponte Vedra Beach, FL

- Developed tools to ensure timely delivery and integrity of live golf scores to clients such as NBC and ESPN.
- Automated the creation of the print edition of the yearly PGA TOUR Media Guide, with editorial as well as data-driven content, such as tournament synopses and player biographies.
- Developed an automated Network Monitoring Report, used to track systems and network performance and forecast network growth.
- Developed web applications to partially or fully automate Data Center Operations processes.
- Developed tools to import data from other scoring providers into the PGA TOUR's ShotLink scoring system.
- Oversaw the monitoring of the PGA TOUR's network and server infrastructure. Ensure systems are being actively and correctly monitored; oversee reporting and alerting on the health of network, servers, and applications.

Jr. Network Administrator	March 2008 - July 2010

Technisource, Jacksonville, FL

- Deployed at PGA TOUR to monitor Live Scoring systems.
- Developed a company-wide video broadcast of golf content, including live tournament footage.

REFERENCES

Chris Fiebrich
Executive Director, Oklahoma Mesonet
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Jared Bostic
Senior System Administrator, Oklahoma Mesonet
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