

contact

jprjr0@gmail.com

(904) 540 7862

<https://github.com/jprjr>

3013 Harview Ave
Baltimore, MD 21234

programming

C, Perl, Lua
Java, C#
JavaScript, PHP, HTML
PowerShell, Bash

education

Bachelor of Science
Computer Science
University of N. Florida

references

Available upon request.

Complete work history
available upon request.

experience

2018–Now

Exelon Corporation

Baltimore, MD

DevOps Engineer

Worked across project teams to identify best fit within the larger Exelon web platform, assisted with on-boarding teams into Azure DevOps account. Responsible for performing web deployments and maintaining Azure infrastructure. Acted as a subject matter expert on git, Azure, and best practices.

- Implemented single-pipeline, automated web deployment process, eliminated deployment failures. (Azure DevOps, Azure).
- Reduced complexity in continuous integration/build pipelines, reducing build failures due to environment/outside errors. (Azure DevOps, Azure).
- Helped project teams implement best, safe coding practices with automated testing and code-coverage scanning. (C#, ASP.NET, Angular, Jasmine, CoBERT, JUnit).

2013-2018

Oklahoma Mesonet

Norman, OK

System Administrator

Monitored and maintained a network of remote, automatic weather stations deployed at universities, state-owned properties, and private properties. Provided real-time, high-quality, mission-critical weather data to partners (emergency management, media, federal government), provided archive of weather observations for researchers. Participated in 24/7 on-call rotations.

- Built and maintained highly-available infrastructure services. (MariaDB Galera, BIND, Nginx, Keepalived, HAProxy, Ejabberd, Apache, Docker, Dovecot, Postfix, Samba, OpenVPN, Debian).
- Developed real-time notification system for weather data, with reverse geocoding of point location into place name. (Unidata LDM, Ejabberd, NodeJS, PostGIS).
- Implemented modern development practices with a git-based workflow, automatic code testing, continuous integration, continuous deployment. (GitLab, GitLab CI, Docker).
- Built highly-available hypervisor cluster, migrated physical machines to virtual machines, taking care to ensure minimal or zero downtime. Implemented automatic virtual machine migrations. (Proxmox, iSCSI, LVM, Keepalived).

2010-2013

PGA TOUR

Ponte Vedra Beach, FL

Operations Developer

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. Developed tools to increase efficiency and reliability of PGA TOUR operations. Participated in 24/7 on-call rotations.

- Developed tools to ensure timely delivery and integrity of live golf scores to clients. (PHP, Perl, Apache).
- 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, photographs. (Latex, Perl, IBM iSeries, IBM Domino, SQL Server).
- Developed an automated Network Monitoring Report, used to track systems and network performance, forecast network growth. (SolarWinds Network Monitor, SQL Server, Latex).
- Built self-service operations web application to build Data Center Operations processes. (Perl, SQL Server, Windows Server, RHEL).
- Developed tools to import live data from third-party golf data providers into the PGA TOUR's ShotLink scoring system. (ETL, XML, JSON, Perl, Java).