Joel Watlington

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Current address : Dayton, Ohio
Online Portfolio : joelwatlington.com

QUALIFICATIONS

Achievements

- Top-secret Clearance (2021) (exp. March 2025)
- Security+ Certification (2021) (exp. August 2024)
- Linux Certification (2022) (exp. February 2025)
- Nominated for a CARES award (2023)

Techniques

- Highly technical knowledge through web development
- Experience using **agile methodology** and **Jira**
- Communication skills from daily scrum meetings and college debate experience

Software

- **Angular** – reliably worked tickets under a large team with the federal government developing a full-stack application to meet expectations of multiple product owners
- **JavaScript** – Manipulated JavaScript for various data changes in the federal government and the CDC
- **Java** – Successfully crafted back-end functionality for API calls using Java while working for the federal government
- **C#** – Utilized **ASP.NET** and **ASP Classic** framework to maintain programs using C# and have a strong grasp of the language throughout working with the State of Maine
- **Python** – Built multiple scripts i.e. manipulating **JSON** and **NDJSON** files under the Elasticsearch team
- **SQL Developer**, **PostgreSQL,** and **SQL Server Management Studio** – Has no problem fixing database related issues or mapping large database tables for programming new functionality in web applications
- **Postman** – Resourcefully used postman for testing and debugging website API calls throughout my experience
- **React.js**, **Next.js**, and **Tailwind** – easily created my portfolio using powerful react customization
- **Kibana**, **EQL**, and **Lucene** – Competently developed tickets through the Elasticsearch team by organizing date and creating install packages
- **FileZilla** – Independently tested, developed, and released code using FileZilla to manage development, test, and production environments
- **Docker** – Contained programming functionality through Docker under Wright Patterson AFB to improve deployment flow. Service containers were used so that data could be stored and pulled from Jfrog to be run later
- **Linux/Bash** – Actively programmed using bash scripting in addition to strong familiarity with the Linux operating system to support team development
- **Gitlab CI/CD**, **Gitlab runners**, **YAML**, and **C++** – Deployed Gitlab runners that executed jobs to create service containers, security tests, and unit tests for pushing data into Jfrog while working under Wright Patterson AFB. YAML and Cpp files were used for version control and mathematical programming.

WORK EXPERIENCE

Wright Patterson AFB – **Software Developer** at Dayton, OH   (February 2024 – Current)

- Over five months of experience professionally building and debugging Gitlab pipelines to create a more efficient project environment to house service containers with security information and testing data
- Consistently navigating Jfrog artifactory to solve dependency issues for key libraries and programming Cpp / Hpp files to allow correct mathematical flow

State of Maine – **Computer Programmer** at Augusta, ME   (June 2023 – November 2023)

- Six months of experience assisting clients by maintaining web applications through removing bugs, creating features, pushing releases, and communicating expectations across 20 tickets
- Frequently monitoring emails to aid clients regarding software installations, database fixes, or general usage in a timely, polite, and intelligent way
- Succinctly learning cybersecurity and programming techniques throughout over 40 hours of professional training

Robins Air Force Base – **Software Developer** at Warner Robins, GA   (July 2021 – March 2023)

- A year of experience implementing Elasticsearch to create visuals, employ machine learning, and organize data to successfully accomplish over 75 tickets
- Six and a half months of experience pushing through more than 40 tickets developing a large government application that is top-secret

EDUCATION

Tennessee Technological University – Cookeville, TN   (May 2021)

- Bachelor of Science in Computer Science
- Cumulative GPA: 3.54 Graduated with Cum Laude

Motlow State Community College – Tullahoma, TN   (May 2018)

- Associates of Science in Chemistry
- GPA: 3.94

PERSONAL SKILLS

- Avid reader
- Personal visual design skills using Adobe Premiere Pro
- Volunteered on mission trips, worked disaster relief, and served at the local humane society
- Does not smoke, drink alcohol, or use drugs
- Willing to relocate