

DANIEL P. WHITE

DANIEL.P.WHITE@HOTMAIL.COM

GITHUB.COM/DANIELPWHITE

c. 850-842-8208

EMPLOYMENT

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|--|--------------------------------|----------------------------|
| Software Developer I | Anyar, Inc. | Aug 2021 – Current |
| <ul style="list-style-type: none">- Designed and built new production pipeline with Python, Unreal Engine 5, and TeamCity for a combat flight modeling software consisting of multiple C/C++ APIs.- Containerized pipeline build agents with the ue4-docker project—maximized production build/test efficiency and scalability.- Improved and maintained inherited pipeline building the legacy version of the application in Azure DevOps—eliminated years of tech debt refactoring batch and python scripts—modified CMake.- Automated the building process for several third-party/open-source software used as dependencies.- Orchestrated an array of Windows and Red Hat Enterprise Linux VMs to deliver cross-platform builds.- Managed automated system testing and debugged issues—generated reports/documentation for the team.- Integrated CheckMarx static code analysis into the classified network pipeline to improve code integrity.- Navigated security requirements for data storage and flow from unclassified to classified networks.- Adhered to agile-based scrum processes facilitating rapid and secure development cycles—graduated to interviewing and training new members of the team—<u>Active Secret Clearance</u> granted January 2022.- Utilized knowledge in Python, Docker, Unreal Engine, C++, Git, TeamCity, Azure DevOps, HTML, Windows & Linux (VMs & Containers), PyCharm, Visual Studio, networking, security, teamwork. | | |
| Aircraft Engine Specialist | United States Air Force | Oct 2009 – Nov 2015 |
| <ul style="list-style-type: none">- Led the flight-line engines specialist flight as a front-line supervisor and subject matter expert. | | |

SOFTWARE PROJECTS

- Web-App-Deployed** (<https://github.com/danielpwhite/Web-App-Deployed>)
- Developing a microservices-based web application with each service communicating via REST APIs.
 - Mastering containerization—deploying and monitoring containerized services—each service designed as a Docker container whose deployment is managed by Kubernetes and monitored with Prometheus.
 - Utilizing: Python, Flask, HTML/CSS, Docker, Git, PostgreSQL, SQLAlchemy, jQuery, NodeJS, Redis, Celery, Gulp, Bootstrap, JavaScript, Kubernetes, and Prometheus
- Flask Website**
- Developed a webpage utilizing role-based database access and a message reporting system.
 - Encrypted database/message data while implementing secure, distributed, and parallel computing practices.
 - Utilized: Python, Flask, SQLite, HTML/CSS

EDUCATION

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| Panama City, FL | Florida State University | Graduated Dec 2021 |
| Major: Computer Science, B.S.C.S. | | |
| Certificate (Minor): Mathematics | | |

SKILLS

- Programming Languages:** (*proficient*): Python, C++ (*familiar*): JavaScript, TypeScript, SQL, Bash
- Technologies/Frameworks/Tools:** Git, Docker, Podman, Azure DevOps, TeamCity, AWS, Unreal Engine, Flask, Kubernetes, Prometheus, VMWare, SQL, jQuery, SvelteKit, NodeJS, Bootstrap, HTML5, CSS3
- Other:** DevOps, Web Development, Desktop Application Development, CI/CD Pipelines, Unit Testing, Build/Test Automation, Agile (SCRUM), Object-Oriented Programming, REST APIs, UI/UX, Linux, Windows