TREVOR DEMAY
SOFTWARE ENGINEER

📞 571-424-0493
✉ Trevordemay2002@gmail.com
🏠 Stephenson, VA, USA
🌐 www.LinkedIn.com/in/trevor-demay-191942299
🔗 https://trevordemay.pro

PROFESSIONAL OVERVIEW

Starting as a child and continuing through adulthood, I have been working towards building the skills for my career as a software engineer. With hands-on experience dealing with front-end and back-end development as part of a small company, I have worked with a variety of software development tools such as xUnit/JUnit testing, containerized environments, and scalable systems using Docker and Kubernetes.

WORK EXPERIENCE

Software Engineer

Bluemont Research & Technology, Inc., Luray | 2024- Present

- Played a lead role in developing and maintaining company websites.
- Took charge in upgrading systems to use containerized workflows and functional unit tests.
- Collaborated with a small team of developers to create marketable, high-quality products.
- Developed the company's ticketing system for consumer requests and product development.

PROJECTS

Virtual Realistic Augmented Training (VRAT)

https://vrat.bluemonttechnology.com/

- Learned many tools for product development such as C++/C#, Unity, Unreal Engine, and Bootstrap.
- Designed and implemented a virtual reality environment for military training operations dealing with CBRNE procedures.
- Built a portal website for creating and sharing custom-made training courses.
- Participated in networking events to market and demo our product.

Photon

https://bluemonttechnology.com/photon/

- Designed and implemented a computer network visualization tool using PCAP files to analyze traffic.
- Built scalable and containerized workflows with Aspire, Kubernetes, and Docker for deployment.
- Implemented unit tests to validate parsing and visualization logic in order to ensure clean builds.

EDUCATION

Bachelor's degree
Arizona State University
Expected - 2027

Associate's degree
Laurel Ridge Community College
2022

TECHNICAL SKILLS

- C/C#/C++, Java, Python, Typescript
- HTML, CSS, Bootstrap, Fabric
- Docker, Kubernetes, Aspire, Git, WSL, xUnit/JUnit
- SQL, SQLite
- Windows, Linux/Unix
- Unity, Unreal Engine, SharePoint, WordPress

ACHIEVEMENTS

Microsoft Office Specialist: Access 2016
Microsoft
2018

Introduction to Programming Using HTML and CSS
Microsoft
2018

PROFESSIONAL DEVELOPMENT

Cybersecurity Club
Stone Bridge High School, VA
2017