Trevor John Powell

Norfolk, VA 23518 **|** (757) 209-1585 **|** Trevorpowell1@yahoo.com **|** LinkedIn **|** GitHub

Professional Profile

Technically sophisticated professional with hands-on experience designing, developing, and implementing complex software solutions. Well-versed in the software development lifecycle, from requirement analysis and system design to coding, testing, deployment, and maintenance. Expertise in full-stack development, including front-end and back-end technologies, and adept at utilizing modern frameworks and libraries. Skilled in collaborating with cross-functional teams to gather and refine project requirements, ensuring successful delivery within specified timelines and budgets.

Key Skills & Abilities

- Software Development Lifecycle
- Technical Project Management
- Requirements Gathering & Analysis
- Scrum & Agile Methodologies
- Team Building & Leadership
- Software Issues Troubleshooting
- Application Development
- Code Testing & Debugging
- Excellent Communication Skills

Professional Experience

ExodusGBW (www.exodusgbw.io/) – Remote   11/2021 to Present
A Metaverse Web3 RPG Startup Company in Decentraland
CO-FOUNDER
- Established and ran all day-to-day operations of the organization to meet desired outcomes.
- Devised and implemented definitive goals and prerequisites for upcoming features.
- Evaluated potential developers through interviews, pinpointing the most suitable areas for their expertise.
- Contribute to the development and approval of a grant proposal, securing a 100K grant from Decentraland DAO.

LEAD BACKEND PYTHON DEVELOPER
- Coordinated backend testing initiatives, achieving an exceptional 92% coverage for code validation.
- Architected a powerful backend API, employing Python, MongoDB, Redis, and Flask to ensure robust functionality.
- Oversaw all aspects of Ubuntu servers, managing configurations/deployments for optimal performance.
- Provided mentorship to college students, facilitating their completion of assigned tasks via proper guidance.
- Orchestrated GitHub pipelines to seamlessly integrate Black, Mypy, Flake8, and Pytest for a comprehensive and automated code quality assurance process.

Newport News Shipbuilding, A Division of HII – Newport News, VA   01/2020 to Present
The nation's sole designer, builder, and refueler of nuclear-powered aircraft carriers and one of only two shipyards capable of designing and building nuclear-powered submarines.
MODELING & SIMULATION ENGINEER (Active Secret Security Clearance)

- **Developed Discrete Simulation Framework:**
  - Designed and executed pivotal framework components, enhancing the functionality and scalability of the system.
  - Collaborated with analysts to clarify required functionality, fostering smooth communication and understanding.
  - Devised the integration strategy for multiple simulations, ensuring a seamless operational framework.

- **Developed Input Drive VR Procedural Training Application Framework:**
  - Created a task list and prioritized assignments for other developers, optimizing project progression.
  - Internalized the customer's issues, leading to the design of a solution that aligns with their expectations.
  - Managed the entire development lifecycle, monitoring all phases of development from initiation to completion.

Education

Bachelor of Applied Science, Computer Science (GPA: 3.7)
School of Engineering & Applied Science, University of Virginia

Technical Proficiencies

C# **|** Java **|** Python **|** Unity **|** Agile **|** JavaScript **|** Node.js **|** GIT & GIT Actions