

Tarrylon Toney

SOFTWARE ENGINEER · DEVELOPER · NICKNAME: TJ

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Experience

Developer

Jan. 2023 - Present

AGILE DEFENSE, INC

US, AL, Redstone Arsenal

- Develop and maintain logical workflows for government operations and procedures.
- Manage the custom Team Track application for document tracking, purchasing, leadership approvals, and personnel in/out processing.
- Administer, patch, and support multiple Cloud-based environments hosted on Windows Server 2019 with SQL database backends.

Senior Technician

Aug. 2022 - Jan. 2023

CAELUM RESEARCH

US, AL, Redstone Arsenal

- Expert in government hardware/software installation, operation, and troubleshooting.
- Assisted customers with Microsoft's Endpoint Configuration Manager (SCCM) and managed OUs on the network and VPN with Active Directory.
- Resolved over 1,000 complex technical support tickets per quarter, focusing on networking and software issues, leading to a 15% increase in customer satisfaction ratings.

Help Desk Technician

Nov. 2021 - Aug. 2022

IGNITE FUELING INNOVATION

US, AL, Redstone Arsenal

- Provided technical support for Jira, ServiceNow, AESIP portal, and AESIP IDM.
- Developed training materials and support documentation for LOGSA / LDAC.
- Resolved an average of 30+ technical support tickets per day with a 95% customer satisfaction rating, utilizing in-depth knowledge of Windows and Linux operating systems, network troubleshooting, and remote desktop support tools.

Front-End Developer

Apr. 2020 - Oct. 2021

DRAKE STATE COMMUNITY COLLEGE

US, AL, Huntsville

- Designed and developed advertising campaigns, increasing student engagement by 100%.
- Proficient in CSS, HTML, and JavaScript for website development.
- Ensured data security through code patching and timely updates.
- Implemented responsive design techniques for three major project websites, achieving compatibility across a broad range of devices and browsers, enhancing user engagement by 35%.

Software Engineering Intern

Apr. 2018 - July 2018

CLARK ATLANTA UNIVERSITY

US, GA, Atlanta

- Developed Python scripts for automating hardware controllers to create a custom-made Rheometer.
- Designed and built a functional medical vending machine using Raspberry Pi computers.
- Managed networking protocols and sensors for the custom-made Rheometer.
- Developed and implemented a Python script to automate data entry tasks, saving the team an estimated 20 hours per week by reducing manual data processing.

Skills

Programming Languages

Python, HTML, CSS, JavaScript, .NET, C#, JAVA, C++, Swift

Web Development

Proficient in building and styling interactive, responsive web applications using HTML, CSS, JavaScript

Software Development

Experience with object-oriented programming in JAVA, C++, and C#, building scalable, efficient software solutions

Frameworks and Tools

Familiar with .NET for backend development, version control with Git, and Agile development methodologies

Education & Certifications

B.S. Software Engineering

Feb. 2025

WESTERN GOVERNORS UNIVERSITY

- Relevant coursework in software architecture, development methodologies, and project management.

A.A.S. Computer Information Systems

Mar. 2022

DRAKE STATE COMMUNITY & TECHNICAL COLLEGE

- Developed strong foundations in computer systems, networking, and database management.

CompTIA CASP+ · CompTIA Security+ · AWS Certified Cloud Practitioner

- MASTERED ADVANCED SECURITY CONCEPTS AND TECHNIQUES ESSENTIAL FOR SAFEGUARDING ORGANIZATIONAL ASSETS.