MICHAEL ROY

Software Engineer | Veteran | System Administrator

github.com/its-michaelroy | 412-763-1887 | in/michaelroy91/ | Michael.roy@mrcodewizard.com

Languages: English (Native), Brazilian Portuguese (B2:Upper Intermediate)

Skills: Python 3, Javascript ES6, Typescript, C#, Go, React 17, PostgreSQL, Django, Cypress, HTML, CSS

Certs: CompTIA Security+, AWS Cloud Practitioner, SAFe Practitioner (SP)

PROFESSIONAL EXPERIENCE

Data Center Technician | Oracle   June 2022-Feb 2024

- Collaborated with team in testing initiatives, resolving over 90 hardware and software issues, achieving 99.99% uptime, improving stability, and saving the company over $65K
- Managed preventative maintenance and system upgrades, enhancing network performance and ensuring uninterrupted service across critical data center infrastructure
- Configured and optimized server hardware including switches, routers, and firewalls, reducing downtime by 20% and maintaining peak operational performance

Information Technology Specialist – Tier 3 | TEKSystems   Feb 2021-June 2022

- Proactively managed JIRA system, provided tech support for federal employees on software, network, vpn, printer, and Office 365, resulting in 55% faster resolution and improved employee satisfaction
- Deployed and configured 200+ thin clients, networked 40 printers, and worked with the network team to provide on-site support for critical data center projects, ensuring seamless operations for federal employees

Systems Analyst – Tier 3 | Arnett Carbis Toothman   Apr 2017-Feb 2021

- Streamlined network infrastructure for 30+ clients, managing 900+ computers, 90 servers, cut downtime by 40%
- Advised on remote access and security solutions, cutting cybersecurity incidents by 40% and boosting network efficiency by 30%

Lead IT Specialist | Army National Guard Unit 2BSTB   Nov 2014-Nov 2020

- Developed Standardized Operating Procedures for deployable networks, enhancing setup and security, reducing deployment time by 30%
- Optimized Cisco tunnels, encrypted and secured classified data for local and satellite remote operations

PROJECTS

Platoon.Console – github.com/L-Carr/Platoon-Console   Apr 2024

- Web application dashboard for managing Code Platoon cohorts, offering centralized access to course materials
- Built using Python, JavaScript ES6, Django, React, and a PostgreSQL database with Google API

Deep Impact - deep-impact.onrender.com/ - 1st Place Hackathon Winner   May 2024

- Web application designed to provide users with educational insights into the potential dangers of asteroid impacts
- Built using Python, JavaScript ES6, Django, React and hosted on Render with NASA's Sentry API

EDUCATION

DevOps & Cloud Engineer | Code Platoon   May 2024-Oct 2024

Software Engineer | Code Platoon   Feb 2024-May 2024

Bachelor of Science Information Technology | Slippery Rock University   Aug 2013-May 2017