**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**](http://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/**](http://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**