Phillip Green

Summerville, South Carolina

LinkedIn · GitHub · Outlook

Experienced Quality Engineer transitioning into software engineering and web development, with a passion for problem-solving and process optimization. Skilled in C++, JavaScript, HTML/CSS, and automation, I've applied these abilities through personal projects on GitHub. Ready to bring my experience and technical expertise to build impactful digital solutions.

WORK EXPERIENCE

KION North America • Summerville, South Carolina • 09/2023 - Current
Process Quality Engineer

- **Implemented** a deviation request automation system, **reducing processing time by 30%** and improving workflow efficiency.
- **Led** root cause analysis and corrective actions for product defects, **decreasing rework by 20%** and enhancing product quality.
- **Collaborated** with cross-functional teams to improve quality control processes, **reducing production downtime by 15%**.
- Trained production staff on quality standards, resulting in **a 10% increase in first-pass yield** across multiple product lines.

Hyster-Yale Group • Berea, Kentucky • 11/20 - 09/2023
Quality Engineer

- **Conducted** detailed failure analysis on components, **reducing warranty claims by 25%** through enhanced testing protocols and data-driven insights.
- **Led** a Lean initiative, utilizing automation tools to streamline processes, **reducing scrap and rework costs by 15%** and improving overall production efficiency.
- **Spearheaded** ISO 9001 compliance efforts, developing automated reporting tools that helped secure certification and maintain consistent product quality.

Bachelor of Applied Science - Computer Science
The University of Southern Mississippi | Expected Graduation: 2025

Relevant Coursework: Computer Science, Operating Systems, Data Structures and Algorithm Analysis, Object-Oriented Programming, Secure Software Development, Computer Networks, Programming Languages, Software Design and Development, Database Management Systems, Algorithms, Foundations of Computer Science, Cyber Law and Ethics, Computer Systems

PROJECTS

CyberDev VS Code Theme - **Developed** a custom Visual Studio Code theme, **CyberDev**, inspired by cyberpunk aesthetics, using JSON configuration files.

The Green Stack Blog - **Created** and **maintained** a technical blog, **The Green Stack**, focused on programming tutorials, coding best practices, and software development insights. **Developed** the blog using **Markdown** and deployed it on **GitHub Pages**

SKILLS

Programming Languages:
C++ · JavaScript · Python · HTML/CSS
Development Tools:
Git/GitHub · Agile Development · Software Testing · Version Control
Web Development: Front-End Development · Back-End Development · RESTful APIs · Responsive Design
Databases: SQL · MySQL · NoSQL Databases
Computer Science Fundamentals: Data Structures · Algorithms · Discrete Mathematics · Object-Oriented Programming (OOP) · Operating Systems

CERTIFICATIONS

Practical GitHub Actions – LinkedIn
The Complete 2024 Web Development Bootcamp – Udemy
WDEV 201 Advanced Core Concepts II – Canvas Credentials (Badgr)
ISO 9001 Lead Auditor – Quality Certification – North Carolina State University