

# Phillip Green

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## ***Engineer | Automation & Systems Optimization***

Engineer with a background in manufacturing quality systems and continuous improvement engineering. Experienced in building automation tools, web applications, and digital workflows that improve operational efficiency. Skilled in modern web development and process automation with a strong systems-thinking mindset.

## **Technical Skills**

Languages	JavaScript, TypeScript, C++, Python, SQL
Frontend	React, Next.js, HTML, CSS, Tailwind
Backend	Node.js, REST APIs
Tools	Git, GitHub, GitHub Actions, Supabase, Shopify (Liquid), Power Automate, SharePoint
CS Fundamentals	Data Structures, Algorithms, Object-Oriented Programming, Operating Systems

## **Projects**

### **Shopify Custom Development – KRMNXTMod**

Implemented custom code and UI improvements for a Shopify storefront to match business requirements and improve usability. Technologies: Shopify Liquid, JavaScript, HTML, CSS. Site: krmnxtmod.com

### **CyberDev VS Code Theme**

Designed and published a cyberpunk-inspired Visual Studio Code theme used by developers through the VS Code marketplace. Technologies: JSON, VS Code API.

### **Green Digital Solutions**

Designed and developed responsive websites and digital solutions for small businesses, implementing custom front-end interfaces and SEO improvements.

## **Professional Experience**

### **Continuous Improvement Engineer III - Hyster-Yale Materials Handling (2025 – Present)**

Lead continuous improvement initiatives to improve manufacturing quality and operational efficiency. Apply root cause analysis and corrective action systems to resolve systemic production issues. Support cross-functional engineering teams improving manufacturing processes.

### **Process Quality Engineer - KION North America (2023 – 2025)**

Built automation workflows using Power Automate and SharePoint that reduced approval time by 30%.

Led root cause analysis and corrective actions decreasing rework by 20%.

Implemented data-driven reporting systems to support operational decision making.

### **Quality Engineer - Hyster-Yale Materials Handling (2021 – 2023)**

Conducted failure analysis reducing warranty claims by 25%.

Led Lean initiatives cutting scrap and rework costs by 15%.

Supported ISO 9001 quality systems and reporting processes.

### **Assembler → SPED Technician (Repair) → Quality Inspector - Hyster-Yale Materials Handling (2014 – 2021)**

Career progression through manufacturing, repair, inspection, and quality roles.

## **Education**

**B.S. Applied Computer Science** - University of Southern Mississippi (Expected May 2026)

## **Military Service**

**United States Army - Active Duty**, Combat Medic (68W)

Provided emergency medical care and operational support in high-pressure environments while developing discipline, leadership, and decision-making skills.

## **Certifications**

ISO 9001 Lead Auditor - North Carolina State University

Practical GitHub Actions - LinkedIn Learning

The Complete Web Development Bootcamp - Udemy