

Robert Johnson

(336) 840 7283 | contact@robbyj.dev | www.robbyj.dev | linkedin.com/in/robby-johnson | github.com/RobbiDev

EDUCATION

University of North Carolina at Charlotte

Jan 2026 - May 2028 | Charlotte, NC

Bachelors of Science in Computer Science, Minor in Computer Engineering

Guilford Technical Community College

Aug 2024 - Dec 2025 | Jamestown, NC

Associate of Science

PROFESSIONAL EXPERIENCE

Digital Systems Engineer, *Imaflex USA*

Dec 2023 - Present | Thomasville, NC

- Engineered end to end digital solutions to solve complex operational bottlenecks, measured by the successful modernization of legacy manufacturing processes, by analyzing existing workflows and developing custom software from scratch
- Administered the complete enterprise IT ecosystem and Microsoft tenant, maintaining seamless network operations, by utilizing Microsoft Intune to manage office hardware and resolve technical issues on specialized production machines
- Optimized facility wide network infrastructure and mission critical industrial machinery, achieving a 99.8 percent system uptime, by acting as the sole technical engineer for all hardware, software, and PLC interface troubleshooting

Kitchen Supervisor, *Chick fil A*

April 2021 - Nov 2023 | Jamestown, NC

- Commanded kitchen operations and food safety compliance, culminating in a perfect two year consecutive North Carolina Health inspection rating of 100, by enforcing rigorous sanitation standards across all high volume shifts
- Collaborated directly with core restaurant leadership to envision and pitch innovative operational strategies, leading to the approved development and active deployment of the "KitchenWatch" software platform

PROFESSIONAL AND ENGINEERING PROJECTS

"SiloLink & SiloCloud" | *Industrial Systems, Monitoring, Imaflex USA*

Feb 2026 - Current

- Mitigated material cross contamination in an active production environment, achieving an 80 percent drop in incorrect silo pulls, by building a web server that extracts Windows SQL database metrics from BinMaster radar sensors to display live inventory for 18 silos on facility wide screens
- Enabled global operational visibility, demonstrated by continuous 24/7 remote accessibility and automated email reporting, by architecting the cloud application to securely synchronize local plant telemetry with an online web dashboard currently running live in production

"SafelySDS" | *Web Application, Compliance, Imaflex USA*

Mar 2025 - Current

- Accelerated hazard response, driving a 75 percent reduction in emergency chemical lookup times, by engineering a searchable digital Web and Windows desktop application actively utilized in production across facility wide department kiosks
- Attained strict workplace safety compliance, reaching a 100 percent adoption rate across the plant inventory, by developing a specialized emergency identification mode and online employee portal that actively serves as the live production replacement for outdated paper binders

Plate Inventory System | *Production Systems, Workflow Tracking, Imaflex USA*

Aug 2026 - Current

- Streamlined manufacturing operations, resulting in a 35 percent decrease in setup transition times, by architecting a digital library search kiosk and relational database using Microsoft Power Platform for active daily production use
- Established full lifecycle asset tracking, leading to the complete elimination of misplaced tooling orders, by implementing a live production digitized checkout system tied to a custom physical shelf numbering logic

"KitchenWatch" | *Workflow Automation, Software Solutions, Chick-fil-A*

Oct 2021 - Nov 2025

- Enforced rigorous corporate quality compliance, measured by an 80 percent decrease in missed equipment maintenance tasks, by designing a custom iOS and iPadOS mobile application to track time sensitive cleaning schedules
- Elevated food quality and customer experience, maintaining zero delayed fryer oil replacements, by building an automated task scheduling and queue management engine that successfully completed a proud two year run in active production before its planned end of service

LEADERSHIP AND INVOLVEMENT

Microsoft Learn at UNCC, Co President and Co Founder

Jan 2026 - Present | Charlotte, NC

- Directed day to day administrative operations as a founding leader, driving technical student membership to over 100 active participants by designing structured certification study tracks in Azure and Excel
- Executed professional campus events, achieving a 45 percent increase in semester workshop attendance, by spearheading department outreach and coordinating technical guest presentations
- Expanded hands on educational capacity by 250 percent, measured by successfully securing corporate donations of 10 enterprise computer workstations, by establishing strong industry partnerships

TECHNICAL SKILLS

Languages: Python, C, C++, TypeScript, JavaScript, SQL

Systems and Administration: Microsoft Intune, Microsoft 365 Tenant, Windows Server, Linux, Docker

Networking and Hardware: Ubiquiti UniFi, VLAN Routing, Custom Firewalls, PLC Interfaces, Industrial Telemetry

Frameworks and Technologies: Next.js, React.js, Node.js, REST APIs, Microsoft Power Platform, Git