

YAHIA NAHHAS

SOFTWARE ENGINEER

Memphis, TN | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL PROFILE

Software Engineer with a technical foundation in full-stack development, automation, and systems reliability, strengthened by hands-on experience optimizing complex operational environments at global scale. Skilled in designing intuitive front-end interfaces, developing back-end logic, and transforming ambiguous requirements into clean, well-structured code. Experienced in translating workflow inefficiencies into automated solutions and building dashboards and analytical tools that clarify decision-making, as well as supporting large distribution systems through strong troubleshooting and cross-functional collaboration. Adept in Python, Java, C/C++, Ruby, JavaScript, React, SQL, Linux, and enterprise systems including WMoS, WMS, SAP, Tableau, and yard management platforms. Recently graduated with a B.Sc. in Computer Science from the University of Memphis and acquired extensive technical expertise.

PROJECTS

QRF – VETERAN SUPPORT & CRISIS RESPONSE APP | REACT, HTML, CSS | [LINK](#)

- Built front-end interface and components focused on clarity under stress for a veteran safety mobile application. Ensured intuitive UI, accessible styling, and structured logic supporting location-based response features.

FAST PCS – E-COMMERCE PLATFORM | RUBY BACKEND, HTML/CSS FRONT-END | [LINK](#)

- Developed login and registration flows, authored UI structure, and led CSS styling. Participated in Agile team collaboration, GitHub-based version control, and live deployment via Render.

PERSONAL PORTFOLIO WEBSITE | HTML, CSS | [LINK](#)

- Designed and developed a fully responsive personal site showcasing projects and technical capabilities with structured layout, semantic HTML, and custom styling.

RETAIL SALES DASHBOARD - DATA ANALYTICS | SQL, PYTHON, HTML, CSS | [LINK](#)

- Built a database-driven analytics dashboard using SQL queries to generate KPIs and reporting views, including total revenue, order volume, average order value, top customers, and category performance.
- Implemented month-based filtering and transaction exploration with query-level aggregation to support fast, consistent reporting and clean data retrieval for the UI.
- Integrated the database layer with a lightweight backend and a polished web interface, deploying a live version and maintaining the codebase in GitHub: <https://github.com/YahiaNahhas/Retail-sale-dashboard>

CORE COMPETENCIES

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|----------------------------------|--------------------------------------|-------------------------------------|
| • Software Development Lifecycle | • Automation & Workflow Engineering | • Dashboarding & Data Visualization |
| • Back-End Development | • Systems Analysis & Troubleshooting | • Secure Coding Principles |
| • Testing Support | • Code Quality Assurance | • Zero Trust Concepts |
| • Documentation | • Process Optimization | • Agile Development |
| • Data Modeling | • SQL Development | • Iterative Delivery |

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE - 2025

University of Memphis

Coursework in algorithms, operating systems, networking, databases, cybersecurity, and full-stack development.

Completed hands-on workshops in Zero Trust, identity and access management, and cyber defense practices.

Active involvement in leadership and professional development initiatives.

ASSOCIATE DEGREE IN COMPUTER SCIENCE - 2023

Northwest Mississippi Community College

Strengthened fundamentals in programming, discrete mathematics, and theoretical computer science.

Earned Vice President's List distinction for academic excellence.

CERTIFICATIONS & TRAINING

- CompTIA Data+ (In Progress)
- Cybersecurity for NextGen Workforce Development – University of Memphis
- Zero Trust: Identity & Access Management – DHS / National Cybersecurity Preparedness Consortium
- End-User Security & Privacy – NCPC
- National Society of Leadership & Success – Leadership Certificate

WORK EXPERIENCE

NIKE, MEMPHIS, TN | MAY 2022 – APRIL 2026

OPERATIONAL SPECIALIST

- Engineered end-to-end routing enhancements within Manhattan WMoS by analyzing ShipVia configurations, mapping carrier logic discrepancies, and implementing workflow changes that strengthened alignment with UPS/FedEx models and improved downstream routing stability.
- Constructed advanced operational reporting assets using Excel, Tableau, WMS, WMoS, WCS, PINC, and Coyote Logistics and integrated multi-system data sources to enable real-time visibility into key metrics for leadership.
- Orchestrated the daily activities of Processing, Dispatch, Receiving, and Shipping teams by coordinating workflow timing, resolving systemic or operational blockers, and reinforcing accountability structures that supported consistent output across fluctuating demand cycles.
- Evaluated recurring inefficiencies across inbound and outbound workflows, including identifying root-cause system or process gaps and presenting data-supported remediation steps that helped reduce avoidable strain.
- Designed Tableau dashboards and Excel models that converted extensive operational datasets into intuitive, decision-ready tools to enable leaders to diagnose constraints quickly and evaluate alternative strategies.
- Collaborated with external logistics partners, internal engineering teams, and vendor stakeholders to clarify requirements, troubleshoot integration issues, and stabilize communication paths that affected yard flow, trailer scheduling, and outbound commitments.
- Introduced new technologies and data-driven practices to front-line operations, as well as mentoring peers on system usage and promoting a culture of continuous improvement.

KEY ACHIEVEMENTS

- Re-designed outbound sortation workflows in WMoS that contributed to a measurable reduction in delivery delays.
- Expanded operational versatility by creating a structured cross-training framework that strengthened collaboration across inbound, outbound, receiving, and shipping teams.

AWARDS AND HONORS

- Vice President's List, Northwest Community College
- Deans List, University of Memphis

TECHNICAL EXPERTISE

- **Languages:** Python, Java, C/C++, Ruby, JavaScript, SQL, Bash/Shell, HTML, CSS, React
- **Frameworks/Tools:** React, Git/GitHub, Tableau, Excel (advanced), Word
- **Systems:** Linux/Ubuntu, SAP, WMoS, WMS, WCS, PINC, Coyote Logistics