

# YAHIA NAHHAS

SOFTWARE ENGINEER

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

## PROFESSIONAL PROFILE

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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.

## CORE COMPETENCIES

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

## EDUCATION

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### 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

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**WORK EXPERIENCE**

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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.

PAX CIGARS, OLIVE BRANCH, MS | 2021 – 2022

**REGIONAL MANAGER**

- Oversaw multi-site retail operations with a focus on balancing inventory accuracy, workforce coordination, supplier communication, and financial reporting while guiding three stores toward uniform performance and operational discipline.
- Negotiated direct purchasing relationships with suppliers by identifying cost-heavy intermediaries, validating product consistency requirements, and structuring agreements that improved pricing without compromising quality or availability.
- Steered the launch of two retail locations by recruiting and training staff, establishing inventory control systems, and designing operational workflows that enabled smooth opening-day readiness and sustained early performance.
- Rolled out an SMS-based customer engagement system that enabled targeted outreach, supported retention tracking, and supplied performance data that informed ongoing adjustments to promotional strategy and customer touchpoints.
- Partnered with brand representatives and sales teams to schedule events, organize in-store promotional activities, and elevate customer education and product exposure across all three locations.
- Administered payroll, membership programs, and detailed sales reporting and utilized performance trends to coach teams, recalibrate targets, and maintain strong financial transparency.
- Mentored staff through structured feedback, goal-setting, and routine performance alignment conversations that strengthened customer experience consistency across stores.
- Balanced long-range strategic planning with hands-on oversight of daily operations to ensure regional growth initiatives remained grounded in realistic staffing, logistics, and customer-service capabilities.

**KEY ACHIEVEMENTS**

- Increased net sales by 150% in one year by improving supplier efficiency and strengthening data-driven customer engagement.
- Reduced procurement costs through successful conversion to direct supplier agreements.

COUNTY LINE AUTO & SALVAGE, BYHALIA, MS | APRIL 2019 – APRIL 2021

### CAR SALES SPECIALIST

- Delivered consultative vehicle sales interactions by assessing customer needs, presenting product features with clarity, and tailoring financing and purchase discussions to support informed decision-making.
- Distinguished performance by achieving top-sales-representative status, supported by persuasive communication, strong product knowledge, and disciplined follow-up processes that cultivated trust across a diverse client base.
- Completed invoicing and payment documentation with high accuracy and coordinated closely with accounting to maintain compliance and reduce transactional discrepancies.
- Negotiated purchase agreements that aligned customer priorities with dealership goals with a focus on reinforcing long-term relationship value and enhancing satisfaction throughout the buying experience.
- Incorporated feedback from management and customers to adjust sales presentations, refine communication strategies, and elevate transparency throughout the sales cycle.
- Supported peers by sharing successful sales methods and assisting with customer overflow to contribute to a collaborative team culture that improved overall dealership performance.
- Built a loyal client network by maintaining consistent follow-ups, resolving post-sale questions promptly, and encouraging referral engagement that expanded recurring business.

### KEY ACHIEVEMENTS

- Recognized as the dealership's top sales representative and developed a repeat-client base that generated ongoing referral revenue.

### PROJECTS

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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>

### AWARDS AND HONORS

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

### TECHNICAL EXPERTISE

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- **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