

Yousef Mheisen

(313)-953-0912 | yousefmheisen@gmail.com | [GitHub](#) | [LinkedIn](#)

EDUCATION

BBA in Computer Information Systems, May 2026

Eastern Michigan University, Ypsilanti, MI

AAS in Computer Information Systems, December 2024

Henry Ford College, Dearborn, MI

WORK EXPERIENCE

BP | General Manager | December 2022 - November 2024

- Managed daily operations, ensuring efficiency, profitability, and clear communication with staff and leadership.
- Oversaw staff, providing constructive feedback to enhance customer service and operational effectiveness.
- Managed inventory, financial reporting, scheduling, and payroll while ensuring appropriate communication.

PROJECTS

Hotel Reservation System | HTML/CSS, JavaScript, ASP.NET (C#), T-SQL

- Developed a full-stack web application for a real client, implementing front-end UI, backend logic, and database integration to meet defined business requirements.
- Implemented CRUD functionality to manage reservations, customers, rooms, and availability.
- Created and enforced relational database constraints, including primary keys and foreign keys
- Built a dynamic reservation workflow that validates user input and updates room availability in real time.

Hotel MRP Inventory Replenishment System | HTML/CSS, JavaScript, ASP.NET (C#), T-SQL

- Designed and implemented an MRP-style inventory replenishment system for a 42-room hotel to track usage, safety stock, and reorder points. Applied business rules to calculate inventory consumption based on room usage and operational demand.
- Developed a web-based UI that allows users to monitor inventory levels, apply daily usage, and trigger replenishment decisions.
- Modeled real-world service-industry inventory behavior, including reusable items, lead times, and safety stock thresholds.
- Integrated backend logic and Microsoft SQL Server to persist inventory data and support CRUD operations using T-SQL.

Retail Store Inventory Management System | Java, Spring Boot, MySQL

- Developed a full-stack web application for a Grocery store managing inventory.
- Implemented CRUD (Create, Read, Update, Delete) operations, enabling efficient stock management.
- Utilized Spring Data JPA with MySQL to store, retrieve, and manipulate inventory data.
- Tested and debugged the application using JUnit, Mockito, and Postman for API validation.
- Integrated Gradle for project build automation and dependency management.

Personal Portfolio Website | HTML/CSS, JavaScript

- Designed and developed a personal portfolio website to showcase projects, experience, and skills. Continuously updating and refining the website to reflect new projects, experiences, and technical advancements.
- Built a responsive and visually appealing UI, ensuring seamless user experience across desktop/mobile devices.
- Personal Portfolio: <https://yousefmheisen.netlify.app/>

Smart Robot Car | C++, Arduino

- Developed an autonomous robotic car with integrated sensors, motors, and controllers.
- Programmed motion and obstacle avoidance, using ultrasonic and infrared sensors for detection.
- Enabled autonomous navigation through line tracking and object detection capabilities.

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, Java, C/C++/C#, SQL{PostgreSQL/MySQL}, HTML/CSS
- **Frameworks:** Spring Boot, React, Node.js, Hask, Junit, WordPress, Material-UI, PyTorch
- **Tools:** Git, Docker, Google Cloud, Visual Studio Code, IntelliJ, Eclipse, PyCharm, SAP, Tableau, Microsoft Office
- **Libraries:** Pandas, NumPy, Matplotlib, Bootstrap, TensorFlow, Express.js, SQLAlchemy