Omar Williams

Software Engineer | Full-Stack Development
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Professional Summary

Computer science graduate with hands-on experience building full-stack web applications and backend systems. Strong foundation in data structures, algorithms, and object-oriented design, with practical experience in Python, Java, C++, SQL, and modern web technologies. Comfortable working across the stack—from REST APIs and databases to responsive front-end interfaces. Proven ability to debug complex issues, learn new technologies quickly, and deliver clean, maintainable code in team-based projects.

Skills

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

Backend: Flask, REST APIs, Authentication, SQLAlchemy, Node

Frontend: HTML, CSS, Tailwind, JavaScript, React, Bootstrap

Databases: PostgreSQL, SQLite, MongoDB

Tools & DevOps: Git, Linux, Gunicorn, Render

Projects

AI Integrated Meal Planning Web App – Python, Flask, PostgreSQL, Tailwind
- Built a full-stack web app that generates weekly meal plans from dietary constraints and user preferences
- Designed relational schemas and API endpoints for user accounts and saved meal history
- Deployed and debugged production issues related to environment variables and database connectivity

Education

University of Nevada, Las Vegas School of Engineering   *Las Vegas, NV*
Bachelor of Science: Computer Science   *December 2025*