

Willie Ottenwalder

Full-Stack Software Engineer

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Experienced software engineer with a strong foundation in full-stack development, project management, and system integration. Skilled in Python, Django, SQL, and JavaScript, with a focus on building reliable, data-driven products.

Technical Skills

Python, Django, Django REST Framework, JavaScript, HTML/CSS, SQL, AWS, Heroku

Education

Master of Science in Computer Science, Expected 2028
Georgia Institute of Technology

Master of Science in Industrial-Organizational Psychology, 2017
Southern New Hampshire University

Bachelor of Arts in Sociology, 2015
State University of New York College at Cortland

Experience

Full-Stack Software Engineer

Willie (Self-Employed), Jan 2025 — Present

- Manage and execute software development projects from inception to deployment, ensuring high-quality deliverables for clients.

Construction Technology & Project Integration Manager

MMI Industrial & Steel, Jan 2026 — Present

- Lead construction technology and project integration initiatives, ensuring seamless coordination between teams and successful project delivery.
- Built custom Python scripts and automations to streamline project workflows and improve operational efficiency.

Hi-Tech Project Manager

MMI Industrial & Steel, Nov 2024 — Dec 2025

- Led cross-functional project teams to deliver high-quality results on time and within budget for TSMC Arizona, managing over \$8 million dollars in project budgets.
- Built real-time project dashboards and financial tracking systems using Google Apps Script and Smartsheet automations, reducing weekly reporting time by 80% and enabling 33% cost savings during downturn.

Projects

For a complete list of my projects, please visit www.willie.dev/projects.