

Zach Robida

Design Lead — Supply Chain Software & AI-Driven Solutions

Atlanta, GA
+1 (678) 524-3186
robidaz@gmail.com
linkedin.com/in/zach-robida

Professional Summary

Design Lead with eight years delivering complex software for federal clients at Manhattan Associates. Automation-first, applying AI and systems-level problem solving to streamline how teams design, build, and test software. Open to discussing opportunities for continued career growth and to connecting with professionals across AI and enterprise software.

Experience

Manhattan Associates PSO Government Division 2018 – Present
Design Lead 2024 – Present

- Co-Lead end-to-end functional design for FEMA's MASC (Manhattan Active Supply Chain) platform upgrade, designing custom extensions and applications, authoring the Solution Design Document, and conducting client engagement sessions with FEMA stakeholders.
- Built and maintain the AI-driven documentation platform a 25-person functional and development team now builds and tests from, pairing Python/Jinja2 spec scaffolding with GitHub Copilot agents and Claude as live context.
- Pioneered the adoption of GitHub Copilot across the team, introducing AI-driven workflows for design documentation, mockup generation, and gap analysis — measurably reducing spec authoring time.
- Spearheaded the adoption of the Syncfusion Angular UI framework and Figma for the LogX1 application, reducing developer-functional back-and-forth and delivering a higher-quality product within budget.

Senior Consultant → Design Lead 2021 – 2024

- Served as sole Design Lead for the \$1M+ FEMA State Portal project on the LogX1 Angular platform, owning all design documentation, scope management, and client-facing presentations from kick-off through delivery.
- Led the design of a custom Capacity Finder solution enabling mass bid solicitation and awarding for FEMA transportation equipment and lanes, facilitating in-person stakeholder design sessions to achieve conceptual design sign-off.
- Took full ownership of the LSCMS monthly release process — revamped Jira dashboards, established bi-weekly defect prioritization cadence, and managed the full CAB compliance trail that withstood FedRAMP audit scrutiny.

Consultant → Senior Consultant 2018 – 2021

- Designed and developed Manhrobo, a Python-based automated testing framework that replaced 80% of manual consultant testing — reducing a full regression cycle from one week of 6 consultants' work to 30 minutes.
- Architected a fully autonomous DAST vulnerability detection and reporting pipeline on AWS (WebInspect + Nessus + S3 + Athena + Jira), saving hundreds of hours of manual vulnerability management per year.
- Contributed to the FedRAMP cloud migration for FEMA's LSCMS solution, pioneering all Windows server hardening procedures, GPO-based DISA STIG alignment, and continuous monitoring SOPs.

Itron, Inc. West Union, SC · **Manufacturing Engineering Co-Op** 2015 – 2016

- Completed four semester-long co-op rotations of hands-on manufacturing engineering, from workstation design to production-floor process improvement.

Ventures

Holigram Founder — A private data home for everything you like, own, and experience, with an assistant that answers only from what you actually keep. Founded, designed, and built end to end. holigram.ai June 2026 – Present

Hourglass Trader AI Consultant — An options-trading research platform and community, founded by a friend. hourglasstrader.com

Skills

AI & Automation	GitHub Copilot (Instructions, Prompting, Agents), Claude Code & Agentic Workflows, MCP Servers & LLM APIs, Glean Collections & Memories
Design & UI Systems	Functional / Extension Design, Figma, Angular Components, UI/UX Mockups & Prototyping
Programming & Scripting	Python, SQL, HTML / CSS / JavaScript, Jinja2 Templating
Systems & Architecture	AWS (EC2, S3, SSM, Athena), FedRAMP / Security Compliance, Manhattan Active Supply Chain, Google Cloud (Cloud Run, Cloud SQL) & Firebase
Data & Analysis	Python Pandas / NumPy, SQL Query Development, Excel / Macro Development, Amazon Athena / Data Pipelines
Tools & Platforms	WebInspect / Nessus (DAST/SAST), Git / GitHub, ServiceNow / ServiceDesk, Jira / Confluence

Education

B.S. in Mechanical Engineering Clemson University, Clemson, SC 2013 – 2018

- 4 Semesters of Co-Op Experience
- Sustainable Cities of Scandinavia Program** Linnaeus University, Kalmar, Sweden Summer 2017
- Selected as commencement speaker out of 300 students