

MITZSEEN JOSEPH

Philadelphia, PA | (561) 502-6142 | mitzseen@gmail.com
linkedin.com/in/mitzseen | mitzseen.com | github.com/Mitzseen

PROFESSIONAL PROFILE

Product Engineer (Full-stack) shipping web apps and automation tools from concept to deployment. Built internal tax-aware rebalancing software adopted by portfolio managers (hours → seconds; paid engagement) and shipped live consumer products (MyMangime.com, TaxRebalancer.com).

PROJECTS

Portfolio Rebalancer Tool — Tax-Aware Equity Rebalancing Python, Streamlit, Pandas, PyInstaller	Professional / Paid \$5K
<ul style="list-style-type: none">Built rules-driven engine for tax-aware equity sleeve trades (drift constraints, embedded gains, TLH selection, wash-sale guardrails)Reduced rebalance time from hours to seconds; shipped Streamlit UI + one-click executable (PyInstaller) for non-technical PMsStandardized workflow into repeatable, auditable outputs (trade list + diagnostics) aligned to CIO-defined constraints	
TaxRebalancer.com — Self-Serve Portfolio Analysis Tool React, TypeScript, Firebase, Cloud Functions	Live
<ul style="list-style-type: none">Built consumer tax analysis tool with signed URL upload flow for statement ingestion (PDF/Excel) and parsing pipelineImplemented tax-aware sell-sequencing logic (ST/LT classification, netting/cross-offset) to surface harvest opportunities	
MyMangime.com — Anime/Manga Discovery Platform React, TypeScript, FastAPI, PostgreSQL, Redis	Live
<ul style="list-style-type: none">Built full-stack discovery + tracking platform with multi-source enrichment (AniList/Kitsu/MAL) and entity resolutionDesigned 300+ tag taxonomy and guided quiz mapping user preferences to weighted recommendations	
Budget_my — Personal Finance Scenario Planner Python, Streamlit, Pydantic	Personal
<ul style="list-style-type: none">Built budgeting + what-if tool with paycheck scheduling and scenario modeling (debt payoff, TVM calculations) in Streamlit	

EXPERIENCE

TechSavvy — SaaS Consulting & Development <i>Founder & Lead Engineer</i>	Philadelphia, PA 2023 – Present
<ul style="list-style-type: none">Generated \$20K in services revenue delivering portfolio automation deployments across multiple wealth management firmsTutored students for AP Computer Science A (Java) and AP Computer Science Principles (JavaScript)	

Northwestern Mutual <i>Wealth Management Associate</i>	King of Prussia, PA February 2024 – Present
<ul style="list-style-type: none">Built Python/Excel automation tools to streamline workflows across account reconciliation and reportingPartnered with advisors to translate requirements into tooling that reduced manual work and improved data accuracySupported \$1B+ in client assets across 500+ HNW families; domain expertise in tax-aware trading and compliance	

SKILLS

Engineering:	React, TypeScript, Next.js, Python, FastAPI, PostgreSQL, Firebase, Streamlit, Git, REST
Product:	End-to-end ownership, UX tradeoffs, performance tuning, API integration
Domain:	Tax-aware trading constraints, portfolio rebalancing, brokerage ops/compliance
Credentials:	Series 7, Series 63, SIE, PA Life & Health Insurance, CFP® Candidate

EDUCATION

University of Pennsylvania BA Philosophy, Minor in Computer Science August 2019 – December 2023	Philadelphia, PA
D1 Football Athlete • Wharton Leadership Academy (Team Director) • National Society of Black Engineers • Be The Match	