MICHAEL HANNA

Software Engineer

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CAREER SUMMARY:

Software Engineer with hands-on experience developing and deploying full-stack applications, responsive websites, and AI-powered automations. Skilled in React, JavaScript/TypeScript, Python/FastAPI, Spring Boot, REST APIs, ASP.NET Core and cloud deployment workflows. Strong background in CS fundamentals, UI/UX design, and full lifecycle software development.

WORK EXPERIENCE:

Freelance Web & Automation Developer — Wilmington, DE
Full-Stack Websites • AI Automations • Client Systems

- Built responsive, SEO-optimized websites with modern UI/UX, custom components, and integrated booking/CRM systems.
- Developed AI-powered automations (AI receptionist, lead follow-up, CRM updates) to reduce manual workload and improve client response time.
- Managed full project lifecycle end-to-end, delivering production-ready web and automation solutions for small businesses.

RELEVANT PROJECTS:

Personal Business Website – Custom React Build – [View Here](#)
React, Vite, Tailwind, API Integration, Vercel

- Developed a full multi-page site (Home, Services, Portfolio, Blog, Contact) showcasing all coding and client work as well as my own qualifications.
- Built dynamic theme system using weather API data for personalized user experience.
- Implemented reusable components, optimized routing, SEO, and deployed using CI/CD.

SupplyWise – Full–Stack SaaS Platform
Supplier Risk Management Software

- Building a risk analysis platform using React, Django, Supabase, and multi-API integration.
- Implementing authentication, dashboard components, automated data pipelines, risk scoring logic, and tiered subscription architecture.
- Designed scalable architecture with API ingestion, backend pipelines, and AI-powered summaries.
- Focused on production-ready UI/UX, system stability, and long-term platform structure.

Website Speed Analyzer — ASP.NET Core / C#

- Built a .NET Core API that performs real-time website diagnostics by measuring latency, status codes, and response metrics.
- Designed clean REST endpoints with async processing, structured JSON responses, and robust error handling for a planned React dashboard.

EDUCATION:

West Chester University — B.S. Computer Science (Magna Cum Laude) Graduation: 2025

SKILLS:

Languages: JavaScript, TypeScript, Python, Java, Swift, HTML, CSS, Dart
Frontend: React, Vite, Next.js, Flutter,Tailwind CSS, Component Architecture
Backend: FastAPI, Supabase (PostgreSQL), REST APIs, Authentication, Django
Other: API integration, AI workflow automation, SEO fundamentals, No-Code tools (WordPress, Elementor, Framer), UI/UX design, Agile, Figma, Azure, AWS