

Michael Dunn

(he/him)

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PROFESSIONAL SUMMARY

Full-stack engineer specializing in multi-tenant SaaS platforms and **AI-driven data systems**. Experienced in designing cost-efficient **LLM pipelines**, marketing automation workflows, and scalable backend architectures using **TypeScript, Python, and React**. Proven track record of improving system performance, reliability, and data quality across production applications.

TECHNICAL SKILLS

- Languages:** JavaScript & TypeScript, Python, SQL (PostgreSQL), PHP, HubL, C++, C.
- Frameworks/Libraries:** React 18, Node.js, Express.js, Vite, Flask.
- Tools & Infrastructure:** Docker, Google Cloud Platform, Supabase, Render, CI/CD Pipelines, Git, Jira, HubSpot/Salesforce
- Certifications:** HubSpot Reporting, Digital Marketing, and Inbound Marketing (Aug 2025).

WORK EXPERIENCE

Junior Full-Stack Developer

Remote

Grey Matter

January 2026 - Present

- Sole developer responsible for building and maintaining multi-tenant marketing and SaaS platforms for 35+ clients, driving client retention and increasing recurring revenue through custom integrations, automation, and rapid iteration
- Built an AI-powered lead enrichment pipeline processing 4,000+ CRM records, automating data categorization, and reducing manual sales effort
- Built a retrieval-augmented generation (RAG) system to ingest client onboarding decks and sprint reviews, exposing structured intelligence through an MCP server integrated with Claude for context-aware querying
- Architected a decoupled microservices environment using Render and Supabase, implementing API telemetry and cost monitoring to support scalable, multi-service workflows
- Implemented CI/CD pipelines and Git-based release workflows, ensuring reliable deployments and high system availability across internal platforms

IT Support Specialist

Minneapolis, MN

University of Minnesota Intercollegiate Athletics

June 2024 - January 2026

- Provide technical support to 250+ staff and 700+ student-athletes, resolving hardware, software, and networking issues
- Track and resolve IT support tickets in TeamDynamix, meeting SLA response and resolution targets
- Verify the correct application of Group Policy settings during system imaging, ensuring secure and consistent configurations
- Develop and deploy Windows batch scripts to map network drives, automating setup processes for new and existing users

PROJECT EXPERIENCE

Intelligent Dossier B2B Sales Intelligence Platform

Minneapolis, MN

Grey Matter

2026

- Reduced critical system initialization latency by ~97% (90s → <3s) through backend optimization and query restructuring
- Built an AI-driven enrichment and monitoring pipeline executing 1,000+ analysis calls and 700+ external data retrieval operations across multiple data sources
- Designed a cost-efficient AI processing pipeline that balances heuristic filtering and LLM execution, reducing external API spend by 55% while preserving analysis quality
- Achieved ~95–98% pipeline success rate across high-volume external API integrations by implementing retry logic, failure-state handling, and resilient worker orchestration

Personal Portfolio Website

Minneapolis, MN

Independent Project

2026

- Engineered a high-performance personal portfolio using React and CSS, achieving a 95+ Lighthouse Performance score and perfect 100s in Accessibility, Best Practices, and SEO
- Integrated Google Tag Manager (GTM) and GA4 to track user engagement and event-driven data, providing insights into site traffic and behavior
- Applied SEO best practices, including semantic HTML, schema markup, and meta-tag optimization, to maximize search engine discoverability

EDUCATION

University of Minnesota

Minneapolis, MN

Bachelor of Arts in Computer Science

Graduated: December 2025 | GPA: 3.86