

# Thomas Davis

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## SUMMARY

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Full-stack software developer and MIS graduate student specializing in Next.js, ASP.NET, React, and SQL across AWS and Azure cloud infrastructure. Builds and deploys production web applications and database-driven platforms end to end.

## EDUCATION

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**Texas A&M University** *College Station, TX*

M.S. Management Information Systems (2027) | **GPA: 4.0**

B.B.A. Management Information Systems (2026) | Minor: English | GPA: 3.58

**Relevant Coursework:** Database Programming, Systems Analysis & Design, Business Intelligence & Data Mining (Power BI), Cybersecurity, Cloud Computing, Technology Corporate Planning, Programming Logic (C#), Networking & Communications

## EXPERIENCE

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**Founder & Full-Stack Developer** | Platmatics | College Station, TX (2026 - Present)

- Built and deployed production web applications using Next.js, TypeScript, React, and Tailwind CSS
- Engineered a cosmetology school management platform with PostgreSQL, role-based authentication, REST APIs, online booking, time tracking, and a POS inventory system with live data syncing.
- Architected serverless infrastructure using edge functions, and KV with automated iCal data sync.
- Managed CI/CD, DNS, deployment, and client delivery across all projects.

**Software & AI Development Intern** | MCA Communications | Houston, TX (2025-Present)

- Lead developer on internal CRM web application SLICK
- Engineered and integrated local LLM models (Nemotron, DeepSeek) using Open WebUI environment.
- Built financial reporting tools using Power BI, SQL, and Excel for leadership analysis.
- Set up CData MCP to create data driven AI agent workflows.

## PROJECTS

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**SLICK** | *Next.js, PostgreSQL, Drizzle ORM, Azure, Tailwind CSS*

- Designed a full-stack construction CRM web app for MCA Communications with a multi-tab editor, role-based access control (Microsoft Entra ID / NextAuth), and real-time auto-save.
- Deployed on Azure App Service with GitHub CI/CD.
- Built a server-side paginated catalog API with a multi-distributor connector and REST integration layer for vendor data.
- Developed kit assemblies, customer price lists, and bulk Excel import (SheetJS) with header mapping and upsert logic, plus modular proposal generation with automated .docx export from a shared financial computation module.
- Integrated Acumatica ERP via OAuth 2.0 REST sync workers (cursor-based incremental sync, retry/backoff, cron scheduler) feeding a live dashboard for project financials, AR/AP aging, and PO tracking; embedded a custom AI agent.

**Club Swimming Finance Manager** | *C#, ASP.NET, AWS*

- Developed, deployed and maintains an internal ASP.NET web application on AWS to help the leadership team manage budgeting and expense tracking for the Texas A&M Club Swimming student organization

## ACTIVITIES

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**Texas A&M Club Swimming** (2022 - 2026)

**President** (2025-26) | **Captain** (2024-25) | **Event Coordinator** (2023-24)

- Led 150-member organization, increased membership by 50%
- Built team website with a backend for athlete coordination and management (Next.js, PostgreSQL, Tailwind CSS)
- Served as primary team liaison between Texas A&M administration and College Club Swimming

**Texas A&M Fish Camp** | Counselor (2023 - 2025)

**Team Coach** | Fairfield Area Swim Team | Cypress, TX (2022 - 2024)

## SKILLS

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**Languages:** JavaScript, C#, Python, SQL, Typescript, HTML/CSS

**Frameworks:** Next.js, React, Node.js, ASP.NET, Tailwind CSS, Drizzle ORM, REST APIs

**Cloud & DevOps:** AWS (Cloud Practitioner), Azure, Vercel, Cloudflare, Git, CI/CD

**Data & Tools:** PostgreSQL, Power BI, Tableau, Excel, SheetJS, Microsoft 365