

Malik Wensman

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My Portfolio using Javascript, Node.js: mdw223.github.io/Portfolio/

EDUCATION

NC State University

Bachelor Degree in Computer Science, GPA: 3.71, Year: Senior

Expected Graduation - Fall 2026

Raleigh, NC

EXPERIENCE

Full-Stack Software Intern | *Axiom Workspace Enterprise CRM*

02/2025 – Present

Axiom Software

Cary, NC

- Developed comprehensive favorites system across CRM entities using Angular, C#, and SQL Server, implementing star-based UI with Material Design and user-level database architecture
- Built Gmail integration with OAuth 2.0 authentication, automated email campaigns, and real-time synchronization using Google APIs, Pub/Sub webhooks, and Hangfire background processing
- Engineered drag-and-drop prospect list management system with pagination, order management, and contact search functionality using Angular and RESTful APIs
- Implemented Calendly webhook integration with secure signature verification, event lifecycle management, and automated contact creation for meeting scheduling
- Designed normalized database schemas, optimized SQL queries, and created data migration scripts for multi-user scalability

TECHNICAL SKILLS

Languages: C#, TypeScript, JavaScript, SQL, Java, Python, HTML, CSS/SCSS

Frameworks & Technologies: Angular, .NET Core, ASP.NET Web API, Entity Framework, Material Design, Node.js

Databases & Cloud: SQL Server, Azure, Google Cloud Platform, Hangfire

APIs & Integration: REST APIs, Gmail API, Calendly API, OAuth 2.0, Webhooks, Pub/Sub

Developer Tools: Git, Visual Studio, VS Code, Thunder Client, Azure DevOps, Jenkins

Skills: Full-Stack Development, Database Design, API Integration, Testing/Debugging, Agile Development

PROJECTS

Calendly Integration & Webhook Processing | *C#, Calendly API, Azure, Webhooks*

07/2025 - Present

- Built complete Calendly integration with webhook subscription management and secure signature verification
- Created comprehensive event lifecycle management handling creation, rescheduling, and cancellation workflows
- Developed contact matching algorithms with automatic contact creation and deduplication logic
- Implemented activity tracking system for meeting scheduling analytics and management reporting

Gmail Integration & Email Campaign System | *Gmail API, OAuth 2.0, Hangfire, Pub/Sub*

05/2025 - 08/2025

- Developed full Gmail integration with OAuth 2.0 authentication flow and refresh token management
- Built automated email campaign system with template parsing, personalization, and delayed scheduling
- Implemented real-time email synchronization using Google Pub/Sub webhooks and Azure deployment
- Created background job processing with Hangfire for scalable delayed campaigns and contact syncing

Interactive Prospect Management Dashboard | *Angular, SQL, REST APIs*

03/2025 - 05/2025

- Transformed static prospect lists into dynamic, interactive interfaces with pagination
- Implemented drag-and-drop reordering functionality with real-time database updates
- Built sophisticated order management system with automatic position shifting
- Created seamless integration between list and card view modes
- Developed contact search and addition functionality with autocomplete
- Designed responsive UI components using Angular Material with custom SCSS styling

Favorites System Implementation | *Angular, C#, SQL Server, Material Design*

02/2025

- Designed comprehensive favorites system across multiple entities including campaigns, lists, contacts, and companies
- Created intuitive star-based UI with hover effects and visual feedback for enhanced user experience
- Built complete API chain from Angular frontend to C# backend controllers with SQL database integration
- Implemented user-level favorites using junction tables to ensure scalable multi-user support