

# Martin Vidal Garibay

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## SUMMARY

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Recent Software Engineering graduate with a focus on full-stack development, experienced in building and deploying applications using RESTful APIs, authentication, and relational data modeling. Beginning a Master's degree in the fall while actively seeking and prioritizing full-time software engineering roles.

## EDUCATION

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### Georgia Institute of Technology

*M.S. Computer Science*

Expected: December 2028

### Western Governors University

*B.S. Software Engineering*

August 2025

## TECHNICAL SKILLS

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**Languages:** JavaScript, C#, Python, SQL

**Web:** HTML, CSS

**Libraries & Frameworks:** React, ASP.NET Core, Node.js, Entity Framework Core

**Databases:** MySQL, MongoDB, SQLite

**Developer Tools:** Git, Docker, Postman, Linux (Arch, Ubuntu), Bash Scripting

**Cloud & Deployment:** AWS, Azure, Vercel

## PROJECTS

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### 3D Model Sharing Platform | *React, ASP.NET Core, MySQL*

- Designed and developed a full-stack web platform allowing users to upload, store, and interactively render 3D models in the browser using React Three Fiber
- Built a secure RESTful ASP.NET Core API with JWT-based authentication for user access control
- Implemented relational data models with Entity Framework Core and MySQL to manage model metadata, ownership, and access relationships
- Deployed frontend, backend, and database services across Vercel, Azure, and AWS for distributed cloud hosting

### Appointment Management Application | *.NET WinForms, MySQL*

- Developed a desktop scheduling system supporting time-zone aware appointments, localization, and business-hour validation
- Implemented secure authentication, CRUD operations, calendar visualization, and automated activity reporting
- Designed backend logic to prevent overlapping appointments and enforce business constraints at the data layer
- Integrated persistent MySQL storage and optimized queries for appointment lookups and reporting operations

### Academic Terms Tracker | *.NET MAUI, SQLite*

- Built a mobile app for managing academic terms, courses, and assignments with hierarchical data relationships
- Implemented SQLite-based local persistence with full CRUD functionality
- Integrated local notification scheduling for upcoming academic deadlines

## EXPERIENCE

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### Inventory Specialist

*The Wasteland Gaming*

September 2020 – August 2025

*Duluth, GA*

- Maintained accurate inventory records across POS and internal tracking systems supporting daily operations
- Developed standardized reconciliation procedures to identify and resolve stock discrepancies
- Analyzed sales and inventory trends to improve restocking decisions and minimize inventory loss

## CERTIFICATIONS

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**AWS Certified Cloud Practitioner**

January 2025

**CompTIA Project+**

April 2025

**ITIL 4 Foundation**

April 2025