

# Magdaleno Perez

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## EDUCATION

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### SUNY Farmingdale State College

*Bachelor of Science in Computer Science*

Farmingdale, NY

Aug. 2021 – Dec 2025

### Relevant Coursework:

*Data Structures and Algorithms, Software Engineering, Computer Architecture, Object Oriented Programming*

## EXPERIENCE

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### Sales Associate

*PVH Corp, Tommy Hilfiger*

July 2021 – Present

Deer Park, NY

- Managed regular price comparisons and store promotions
- Provided customers with pricing and clothing sizes
- Followed merchandising standards to ensure products were stocked
- Stayed up to date with coworker's tasks and the company's sales goal
- Performed cleaning tasks for customer satisfaction and store organization
- Announced to customers about sign ups and additional coupons

## PROJECTS

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### LawDoc AI | *AI assistant that simplifies legal PDFs and extracts key insights for users.*

- Led a team of 4 to develop an AI-powered legal document assistant that simplifies and summarizes PDFs using OpenAI's language models and semantic search with Pinecone.
- Engineered the frontend using Next.js, TypeScript, and Tailwind CSS, enabling users to upload legal PDFs, interact with a chat-based AI assistant, and extract key information like clauses and deadlines.
- Integrated Clerk for authentication, Drizzle ORM with Neon PostgreSQL for backend data management, and AWS SDK for secure file storage and document retrieval.

### Stock Synergy | *Inventory management system*

- Developed an inventory management system with real-time tracking to streamline stockroom operations, cutting restocking time by 15% and ensuring accurate inventory levels for faster sales operations.
- Designed and developed a responsive front-end interface using React, TypeScript, and Tailwind CSS, delivering a seamless user experience across all devices while elevating the platform's usability and visual appeal.
- Built a scalable backend using Express.js to retrieve and manage product data from Supabase, streamlining API request handling and improving the overall responsiveness of inventory operations for over +1,000 merchandise.

### Piggy United | *Online banking simulation*

- Developed digital banking functionalities to manage deposits, withdrawals, virtual credit cards, and statements to educate newcomers the importance of banking.
- Engineered the front-end with React with a Node.js backend for package management, and implemented Firebase authentication for secure user login and real-time database for storing and retrieving user transactions.
- Utilized HTML/CSS to develop a responsive and visually modern web design, while integrating crafted graphics and visual elements created using Canva.

### Movie Mine | *Movie sales management*

- Built a JavaFX application that enables users to efficiently input, edit, and manage movie details, dynamically displaying structured data within an organized table view.
- Consistently managed over 10,000+ movie records and maintained a comprehensive database using Microsoft Access, ensuring accurate and organized data storage for streamlined access and analysis.
- Implemented a robust JSON parsing mechanism to read, and import movie data files, ensuring seamless data integration while maintaining data integrity and reducing manual file selection.

## TECHNICAL SKILLS

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**Languages:** Java, Python, SQL, JavaScript, TypeScript, HTML/CSS.

**Frameworks/Libraries:** React, Node.js, Next.js, Express.js, Tailwind CSS, Clerk, Drizzle ORM, Axios, Pinecone, Supabase.

**Developer Tools:** Git, Firebase, VS Code, Microsoft Azure, IntelliJ, Netlify, Render, PostgreSQL, Neon Serverless Postgres, AWS SDK.