



Scan: Portfolio

Sheila Demonteverde

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<https://github.com/Shyed>

EDUCATION

Pennsylvania State University —
B.S. Software Engineering (ABET-Accredited)
Expected Spring 2027

LaGuardia Community College —
A.S. Programming & Software Development
GPA: 3.806

Honors: Dean's List, ASAP
Valedictorian, Phi Theta Kappa,
NASA Community College
Aerospace Scholar (NCAS)

TECHNICAL SKILLS

Languages: JavaScript, Python,
Java, C++, SQL, Kotlin, C#, Swift

Frontend: React, HTML, CSS,
jQuery

Backend: Node.js, Express.js, REST
APIs

Databases: MongoDB, PostgreSQL,
MySQL, Supabase

Tools & Platforms: Git, GitHub,
Vercel, Render, Firebase, VS Code,
Android Studio, Unity

Operating Systems: Linux/Unix

TECHNICAL PROJECTS

AI Chat Application | React, Node.js, Express, Hugging Face API

- Built a full-stack AI chat application with a React frontend and Node.js backend.
- Integrated Hugging Face/OpenAI-compatible APIs for real-time conversational responses.
- Designed responsive chat interfaces and backend API handling for user prompts and AI-generated outputs.

Job Tracker | React, Supabase, PostgreSQL, Vercel

- Built and deployed a full-stack job tracking application using React and Supabase with real-time CRUD functionality.
- Integrated PostgreSQL cloud database storage for persistent user data management and application tracking.
- Designed responsive React interfaces for managing applications, statuses, and user data.

Task Manager API | Node.js, Express, MongoDB, Render

- Developed and deployed a RESTful API using Node.js, Express, and MongoDB supporting full CRUD operations.
- Integrated MongoDB Atlas for scalable cloud-based data storage and backend persistence.
- Structured backend API routes and data handling for efficient task management.

John Lemon's Haunted Jaunt | Unity, C#

- Developed gameplay systems and enemy AI behaviors using Unity and C# scripting.
- Implemented navigation, animation systems, and interactive mechanics in a 3D environment.
- Applied object-oriented programming concepts, game logic, and scene management.

ADDITIONAL DEVELOPMENT EXPERIENCE

- Built backend APIs and command-line tools using Python and REST API integrations.
- Developed mobile applications using Kotlin in Android Studio.
- Designed relational databases and SQL queries using MySQL.
- Built object-oriented applications in Java and C++ including simulations and logic-based systems.

PROFESSIONAL EXPERIENCE

Administrative Assistant / Paralegal

Guerrero Law Firm, PLLC — New York, NY

April 2014 – August 2020

- Managed and organized large volumes of digital records with strong attention to detail and accuracy.
- Maintained structured documentation and workflow systems supporting daily office operations.
- Communicated with clients and internal staff to coordinate case-related information and scheduling.