Antonio De Jesus Santiago

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EXPERIENCE

Engineering Aide - ITAP(IT Apprenticeship Program) — Feb 2025 – Present
Lockheed Martin — *Aguadilla, PR*

- **ITAP:** Six-month structured apprencticeship focused on fullstack engineering. Intensive bootcamp with three-rotation pods.
- **(POD 1) Cloud Forge:** Automation and Deployment of AWS infrastructure with Terraform via GitLab pipelines
- **(POD 2) Test Automation:** Designed, implemented, refactored, and executed automated Tricentis Tosca Scripts to enhance software quality using image based, Java, HTML, and UI components
- **(POD 3) Cloud Management:** Enhancing cloud performance, governance, and resource efficiency by orchestrating Terraform and Python-based Lambda functions within AWS Step Functions, triggered via AWS API calls
- **Special Project:** Developing centralized app for ITAP in Power Apps using canvas and share lists.

PalitasPR: Service Provider and Request Platfrom — Mar 2024 – Jul 2024
Holberton Coding School — *Ponce, PR*

- Full-stack web application using Flask, Svelte, PostgreSQL, AWS, Js, TailwindCSS
- Designed REST API in Flask, PostgreSQL(AWS-RDS), hosted and deployed in AWS
- Designed structure for saving user data with CRUD operations via Boto3 on S3 buckets

Coding Tutor — Feb 2024 – July 2024
Holberton Coding School — *Ponce, PR*

- Teaching habits/practices, Github, and Linux
- Helping with languages(Python, C, Js, HTML) and grading students projects
- Orienting new admissions and helping staff onboard new students

PROJECTS

MVC Game Deals Web App — Dec 2024 - Mar 2025
Solo Project, .NET, C#, TailwindCSS, JS, Blazor Pages

- Designed API routes and dependency injection via the .NET API package
- Extracted game deals from a public api to present data to the user
- Another api to fetch info, pics, and vids of previous games found

Photographer Web Portfolio — Jul 2024 - Dec 2024
Solo Project, Go, HTMX, TailwindCSS, Supabase, and .templ

- Designed API routes and handlers with Go net/http package to interact with Supabase
- HTMX used for inserting and removing html components received from Go server
- Embedded static files into Go binary and hosted on Heroku

EDUCATION

AWS Certified Cloud Practitioner — PR
(CLF-C02) — *Apr 2025*

Holberton Coding School — Ponce, PR
Software Engineering Foundations — *Oct 2023 – Jul 2024*

University of Puerto Rico — Mayaguez, PR
Some Bachelor's, Electrical Engineering — *Aug 2015 – May 2018*

TECHNICAL SKILLS

Languages: C#, Go, Terraform, Python, SQL(Postgre, MySQL), C, JavaScript, HTML/CSS
Frameworks: .NET, Entity Frame Work, Flask
Developer Tools: AWS, Docker, GitLab, GitHub, Visual Studio
Libraries: TailwindCSS, HTMX, Pandas, NumPy, jQuery
Other Skills: Bilingual(English-Spanish), Audio engineering, Math(Calculus, Lineal Algebra, Diff.Equations)