

# Fredy Santos | Cloud Developer

Python Cloud Developer with hands-on experience deploying web applications with AWS services. Transitioning from a successful career in technical sales, combined with a strong foundation in Computer Science, I bring clear communication skills and a deep appreciation for user-focused problem solving. Passionate about creating practical solutions that connect code to real-world needs.

## WORK EXPERIENCE

**AT&T, Bethesda MD — Sales Consultant**

JULY 2020 - PRESENT

- Communicated complex features making sure product understanding in order to exceed monthly sales metrics by over 20% consistently.
- Diagnosed & resolved customer technical issues leading to a consistent 100% customer satisfaction review

**Additional Experience: EXPRESS, Wheaton MD — Assistant Manager**

JULY 2019 - JULY 2020.

## EDUCATION

**University of Maryland, Baltimore County — B.S. Computer Science**

August 2019 - December 2023 | GPA 3.429 / 4.0

Coursework in data structures, algorithms, and database management.

### Additional Training

- Web Development Bootcamp (Dr. Angela Yu, Udemy).
- AWS Certified Developer Associates Course (Stephane Maarek, Udemy)

## PROJECTS

**Build Connections** — *Built a full stack flask app designed to create deeper connections with others from scratch. Deployed on Elastic Beanstalk with RDS, featuring user authentication, and session tracking allowing for shared sessions.*

Technologies: Python, Flask, SQLAlchemy, AWS EB, RDS, Flask-Mail, Bootstrap, JavaScript

[GitHub](#) | [Live Demo](#)

**Daily Codebreaker** — *An interactive coding challenge platform offering daily challenges with varying difficulty levels. Live code execution and feedback via JDoodle API, along with dynamic content updates using JSON.*

Technologies: Node.js, Express, EJS, Axios, JSON, JDoodle API, HTML/CSS.

[GitHub](#)

**JournalAI (AI-Powered Journal App) (In Progress)** — *A serverless journaling platform that uses AI along with Lambda, API Gateway, and DynamoDB to generate daily reflective prompts and provide personalized insights.*

[GitHub](#)

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[GitHub](#)

## SKILLS

Programming Languages: C++, HTML/CSS, SQL, Python, Basic Javascript

Framework & Libraries: Flask, Express.js, Node.js, SQLAlchemy, Bootstrap

Cloud & DevOps: AWS (Lambda, API Gateway, S3, RDS, DynamoDB, Elastic Beanstalk), GitHub, Postman

Databases: PostgreSQL, DynamoDB, SQLite

API Integrations: RESTful APIs, JDoodle API, OpenAI API

## CERTIFICATIONS

AWS Certified Developer - Associate (2025)

AWS Cloud Practitioner Certified (2024)

## LANGUAGES

Spanish

English