Hector Quinones

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EDUCATION

University of Texas at Arlington   Arlington, TX
Bachelor of Science in Computer Science   *Expected Graduation, Spring 2026*

EXPERIENCE

Full Stack Developer   Remote
Adequata   *Sep 2025 - Present*
- Architected a cloud-native data masking workflow using **EventBridge**, **AWS Lambda**, and **DataBrew** to detect and protect sensitive user data across automated pipelines.
- Deployed a lightweight **NGINX-based proxy** on **AWS EC2** to enforce **HTTPS/TLS** encryption for secure communication between internal services and external endpoints.
- Integrated **Snowflake** within a **Nest.js** backend to streamline data ingestion, implementing **AWS KMS** for secure, encrypted credential management and access control.

Software Development Engineer   Remote
Sentari AI   *Jun 2025 - Aug 2025*
- Created dynamic, interactive dashboards using **Chart.js** to visualize key performance metrics and showcase them to customers.
- Developed **NLP** features with **SpaCy**, enabling automated text extraction and classification that was able to efficiently identify keywords.
- Leveraged **OpenAI API** to analyze text, automatically extract keywords, and classify them into categories, to improve data-driven insights.

CERTIFICATIONS

Amazon Web Services
Cloud Practitioner   *Jun 2025 - Aug 2028*
- Demonstrated foundational understanding of AWS core services, architecture best practices, and cloud security.

PROJECTS

AI Study Generation App | *React Native, FastAPI, Supabase, Google Cloud, Ollama*
- Built a mobile app that converts review sheet photos into personalized flashcards and summaries using **LLM's via Ollama**.
- Designed a **FastAPI backend** with full **CRUD** support, integrating **Google Cloud Vision API** for image-to-text processing.
- Used **Supabase** for user authentication, data storage, and real-time sync.

TECHNICAL SKILLS

Programming: Python, Javascript, Typescript, C, C++, Java, HTML/CSS, SQL
Frameworks: React, React Native, Node.js, Next.js, Express.js, FastAPI, Flask, Nest.js
Cloud/Platforms: Amazon Web Services, Firebase, Docker, Google Cloud, HuggingFace, Supabase
Related Coursework: Fundamentals of Software Engineering, Data Structures & Algorithms
Tools: Git, Github, Postman, Cursor, VS Code