

Dionis Gonzalez

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Summary

Full-stack and data engineer focused on turning messy data and complex requirements into simple, scalable products, owning features from conception to deployment and collaborating closely with product and data teams.

Skills

Languages: JavaScript | TypeScript | Python | SQL/PostgreSQL | Java

Frameworks & Libraries: Node.js | Vue.js | React | Next.js

Platforms & Tools: AWS | GCP | BigQuery | Firebase | Airflow | Datadog | Docker

Experience

Graduate Teaching Assistant, Georgia Institute of Technology

Aug 2025 – Present

- **Course:** Knowledge-Based Artificial Intelligence

- Mentor graduate students and grade Python-based assignments and projects on knowledge representation, reasoning, planning, learning and agent design.

Career Break - Graduate Study & Family Care

Jan 2025 – Jul 2025

- Graduate Student - M.S. Computer Science
- Primary caregiver for newborn daughter

Software Engineer, Tec3

Mar 2023 – Dec 2024

- Served as the primary technical partner for 3 early-stage startups over 18 months, guiding stack selection and owning the full-stack development of production-ready MVPs using React, Node.js, and PostgreSQL.
- Developed and integrated LLM-based automation tools for client workflows, including an AI document parser that reduced manual data categorization time by 15+ hours per week.
- Configured and managed AWS cloud infrastructure (EC2, S3, RDS, IAM) across client projects, reducing environment setup time for platforms handling 10k+ monthly sessions.

Software Engineer, MikMak

Apr 2021 – Jan 2023

- Designed and maintained ETL pipelines (Airflow, BigQuery, PostgreSQL) processing 2TB+ of daily product data, powering dashboards and reports used across multiple teams.
- Built self-serve Vue.js dashboards on top of BigQuery, cutting ad-hoc data requests to the data team by about 40% and giving 10+ sales and CS reps real-time campaign visibility.
- Optimized the data access layer by moving high-concurrency reporting workloads from BigQuery to PostgreSQL, improving interactive query performance by 24% for some internal analytics tools.
- Implemented a geolocation microservice in GCP to handle over 1M daily requests, reducing response times and saving \$8,000+ monthly in operational costs.
- Refactored a multi-brand ad platform UI in Vue.js with server-side rendering, cutting page load times by 3x.

Notable Projects

- **Georgia Tech CREATE-X (S24) – Software Engineer / Founder, Smartversity**

- AI-driven online learning platform that generates personalized learning paths and interactive courses based on a learner's background and goals. (*Node.js, React/Next.js, PostgreSQL, LLM APIs, Vercel*)
- Selected by Georgia Tech CREATE-X and awarded a SAFE note for early traction.

- **Real-Time Cognitive Bias Detection Tool**

- Web tool that visually flags framing and confirmation bias from user-written text in real-time.
- Tech Stack: *Python, Hugging Face (RoBERTa), Streamlit/Flask, NLP tooling*

Education

Georgia Institute of Technology – M.S., Computer Science | GPA: 3.81

Dec 2025

NUC University – B.A., Network Technology and Application Development | GPA: 3.79

Dec 2020