

DIEGO GARCIA

contact@diegog.dev

Software engineer with a bachelor's degree in computer science specializing in research and data-analysis, with experience in full-stack development, continuous integration/deployment, and AI/ML algorithms.

WORK & VOLUNTEER EXPERIENCE

Tradeshift, Denver, CO (Remote)
Software Engineer

April 2023 - Current

Main Tech Stack: Node.js, Typescript, Postgres, Kafka, Kubernetes

- Develop and maintain scalable and efficient software solutions, utilizing a variety of programming languages and technologies
- Collaborate closely with cross-functional teams to gather requirements, define rules, and align the solution with business objectives
- Designed a system that analyzes company invoice and payment history to determine funding eligibility
- Implemented a dynamic real-time system to continuously assess eligibility based on a comprehensive set of rules, enabling immediate updates with new information

Globant, Denver, CO (Remote)
Software Engineer

November 2020 - March 2022

Main Tech Stack: Node.js, Typescript, Vue.js, Postgres

- Developed an application that automated the purchasing and generation of labels, significantly reducing manual effort and improving operational efficiency.
- Received positive feedback from users and management for the app's contribution to improved package management and streamlined logistics processes.
- Ensured high quality and user-friendliness through rigorous testing and comprehensive documentation, including testing plans and user manuals.

Shake-A-Leg Miami, Miami, FL
Student Mentor (Volunteer)

August 2011 - September 2019

- Mentored physically and developmentally challenged children, teaching them water safety skills and about the wildlife in Biscayne Bay
- Logged over 1000 hours of community service

EDUCATION

University of Miami, Coral Gables, FL
Bachelor of Science, Computer Science
Minors: Mathematics, Chemistry

Relevant Courses

Machine Learning, Artificial Intelligence, Computational Neuroscience, Database Systems, System Programming, Algorithms, Data Structures, Computation Theory

TECHNICAL STRENGTHS

Programming Languages	JavaScript, TypeScript, Python, C, R, Matlab, HTML, CSS
Software & Tools	SQL, Git, Unix/Linux, Flask, \LaTeX , Photoshop, Vue, Postgres
Cloud-Based Technologies	AWS, GCP, Docker, Kubernetes, Github Actions, CircleCI

PROJECTS

manatee.zone

- An easy-to-access data visualization of state-mandated "manatee zones" in Florida
- Created after noticing a rise in uninformed boaters and lack of signage in Biscayne Bay
- Data simplification and cleansing performed with Python
- Continuous development set up with CircleCI

diegog.io

- A 'serverless' portfolio website deployed on AWS using s3 buckets and lambda functions
- Vue.js front-end communicates with a Flask (Python) API back-end
- Continuous integration/deployment setup with bitbucket pipelines