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) *April 2022 - Current*
Software Engineer

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) *November 2020 - March 2022*
Software Engineer

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 *August 2011 - September 2019*
Student Mentor (Volunteer)

- 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
Software & Tools	SQL, Git, Unix/Linux, Flask, LaTeX, Photoshop, Vue, Postgres
Cloud-Based Technologies	AWS, GCP, Docker, Kubernetes, Github Actions, CircleCI, Terraform

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 Github Actions

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 Github Actions