Gianncarlo Carrasco

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GitHub - github.com/Gginne | **LinkedIn** - linkedin.com/in/gianncarlo-carrasco | **Portfolio** - gginne.github.io

EDUCATION

New Jersey Institute of Technology, Newark, NJ   **September 2019 - May 2023**
- **B.S. Computer Science & IT minor (GPA-** 3.87)

TECHNICAL SKILLS
- **Frontend Development –** HTML CSS, JavaScript, React, Bootstrap, SASS, Material Design
- **Backend Development** – Python, NodeJS, Express, PHP, Flask, Django, Java, RabbitMQ
- **Databases** – MySQL, Postgres, MongoDB, Firebase
- **DevOps & Platforms–** Git, Jira, Docker

EXPERIENCE

Oscar Health Inc. | *Fullstack Software Engineering Intern*   **May 2022 – August 2022**
- Used ReactJS, Flask and Postgres to create a new feature in the insurance enrollment platform that enabled insurance operations team to correct a member enrollment data conflict.
- Updated Flask code in the backend to make it compatible with the company's new data pipeline.

RDE Systems Support Group LLC | *Fullstack Software Engineering Intern*   **May 2021 – August 2021**
- Used ColdFusion, ReactJS and SQL to develop a dashboard that summarized data from HIV patient surveys.
- Used ColdFusion to develop a document tracker for patient eligibility platform.
- Helped design the frontend for PrEP, the company's medical adherence mobile application in VueJS.

New Jersey Institute of Technology | *Computer Science & IT Tutor*   **September 2021 – December 2022**
- Tutored college CS and IT courses such as Database Design, Networking and Web Application Development.

PROJECTS

Colgate-Palmolive Sponsored Capstone: Stable Data Platform
- Fullstack application that uploads CSV files into a Snowflake warehouse using Google Cloud.
- Maintains stability of data by setting pipelines with upload deadlines and data constraints for uploaded files.
- Used ReactJS and Bootstrap to create the frontend and Django with Postgres for the backend.

Grocery Tracker & Meal Planner
- Fullstack application that tracks groceries and recommends meals based on items available in user's fridge.
- Developed based on three-tier architecture with a React frontend, PHP/MySQL backend, and DMZ server connected by a RabbitMQ message broker.
- Implemented deployment system from scratch with development, staging, and production environments.

Photo-Saving Web Application
- Fullstack application built on the MERN stack, that stores user's photos and catalogs them into albums.
- Developed REST API using NodeJS, Express, MongoDB and AWS S3 and frontend using React and Material UI.

Book REST API Application
- Custom Rest API built using Flask and SQL that stores and catalogs user's books.
- Implements AWS' S3 buckets for cloud object storage, enabling the storage and retrieval of book files.

Expense & Income Tracker
- Fullstack web application that keeps track and visually summarizes user's expenses and income sources.
- Developed frontend using React and backend is a custom REST API built with NodeJS, Express and SQL.