

Karina Macancela

347-570-5804 | karymacancela@gmail.com

[GitHub](#) | [Medium](#) | [LinkedIn](#)

SOFTWARE ENGINEER

Coding since the age of 14, Karina's love for creating her ideas into a reality led her to pursue software engineering as a career. Karina double majored in Computer Science and Applied Mathematics, using mathematics to strengthen her analytical side and make her a stronger programmer. Having pursued art in high school and now as a hobby, Karina decided to enter Flatiron School's immersive bootcamp program in order to combine her love of design at the front-end with her extensive knowledge in back-end technologies. Karina is excited to take her go-getter attitude and diverse skillset, and use it to make a real difference.

TECHNICAL SKILLS

Flatiron School's immersive bootcamp program, Ruby, Rails, JavaScript, React, Java, HTML, CSS, Bootstrap, Material UI, JWT, bcrypt, SQL, Postgres, Node.js, Jenkins, Git, Atom, Visual Studio, IBM RAD, IBM APIC, IntelliJ, Eclipse, Microservices, Hibernate, Algorithms

TECHNICAL PROJECTS

Artist Online Store - [Github](#) | [Demo](#)

An e-commerce web application built with the purpose to sell artwork pieces created by artist, Jean-Pierre Chigne, using React, Ruby on Rails, Node.js, Postgres, and Stripe API.

- Utilized JSON Web Tokens and localStorage to store encrypted user information and authenticate login.
- Incorporated Stripe API and Node.js to complete purchase transactions between seller and buyer.

Stock Market - [Github](#) | [Demo](#)

A game web application to find and buy stocks using Ruby on Rails, JavaScript, SQLite, and Alpha Vantage API.

- Worked with Custom CSS to gain a better understanding and control over user interface design.
- Utilized Alpha Vantage API to fetch real stock market S&P 500 data.

We Out - [Github](#) | [Demo](#)

A web application that allows users to find and create events based on location and category, using JavaScript and Ruby on Rails.

- Utilized bcrypt to produce hashed passwords for better password security through authentication.
- Built user interface design with Bootstrap to provide clean and simple design components.

EXPERIENCE

Infosys, Senior Software Associate, Hartford, CT & New York, NY

2017 - 2019

Aetna, Software Developer & Project Manager

- As a Software Developer, I gave numerous presentations on building loosely coupled APIs and was part of the scrum team working on the development of a PHI microservice for Aetna's mobile application.
- Promoted to PM, a role I was completely new to, I successfully managed projects, leading teams & working with clients to gather project requirements, build financial reports, and review milestones & compliance audits, with stakeholders & business analysts.

Revature, Full-Stack Developer Intern, New York, NY

2016 - 2017

- Collaborated in individual and open-source projects where I utilized tools to develop loosely coupled APIs.
- Built a web application for a pet clinic where vets can manage appointments & users can view and request appointments for their pets, using Java, Spring, Hibernate, and JavaScript, and AWS RDS to set up a relational cloud database.

City University of New York, IT College Assistant, New York NY

2013 - 2016

- Resolved equipment issues for Queens College's 80-acre campus, re-imaging operating systems in labs, and assisting students, staff, & faculty members with IT concerns.

EDUCATION

Flatiron School, Brooklyn, NY

08/2019 - 12/2019

Full Stack Web Development, Ruby on Rails and JavaScript Immersive Bootcamp Program

Queens College, Flushing, NY

2011 - 2016

Computer Science and Applied Mathematics (Double Major)

ADDITIONAL EXPERIENCE

- Worked with IBM Watson, brainstorming scenarios that could benefit from Watson and presented at an IBM conference.
- Wrote "Mathematics in the Real World," a 40-page short study aimed at helping high school educators teaching students to appreciate the benefits of mathematics around us.
- Received a scholarship from Teaching Improvements through Mathematics Education to pursue high school math education.
- Received a PhD scholarship from Mellon Mays Undergraduate Fellowship Program in Mathematics to address the problem of underrepresentation in the academy at the level of college and university faculties.
- Received a \$5,000 merit scholarship for academic achievement from Donald I. Brownstein & John J. McDermott.