Karina Macancela

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[Website](#) | [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 the tech industry as her career. Karina double majored in Computer Science and Applied Mathematics, using mathematics to strengthen her analytical side and make her a stronger developer. 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, IntelliJ, Eclipse, Adobe CC, Sony Vegas Pro, Google Tag Manager, Google Analytics, Matoma, Invoca, Azure Devops, Sequelize, Jira, Zapier, Docker

TECHNICAL PROJECTS

Artist Online Store - [Github](#) | [Demo](#)
An e-commerce web application built to sell artwork pieces 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

Ai Media Group, Web Developer, New York, NY   03/2020 - Present
- Utilizing a patented proprietary tracking and reporting software that helps optimize marketing campaigns.
- Developing the analytics tracking and reporting system, creating tracking tags on client websites and developing client websites.
- I developed a full-stack [login portal application](#) for my company which is now being utilized on a daily basis. I built this app using React and Bootstrap for the frontend while using Node.js and Sequelize at the backend, plus MySQL and Azure DevOps services. I learned while building this application, gaining experience on leading an Agile project as head developer.

Infosys, Senior Software Associate, Java Developer & Project Manager at **Aetna**, Hartford, CT   04/2017 - 08/2019
- As part of a scrum team working on Aetna's application, I collaborated in daily meetings through building epics, stories, and sprints, developing and improving their PHI microservice.
- Developed, tested, and supported various APIs for consumers based on project requirements using IBM APIC and IBM RAD.
- Successfully demonstrated how efficiency can be improved by decomposing a large application into loosely coupled services and allowing the workload to be divided by separate development teams.
- As a Project Manager, I successfully managed Agile and Waterfall projects, leading teams and working with clients to gather project requirements, build financial reports, and review milestones and compliance audits, with stakeholders & business analysts.

Revature, Full Stack Developer Intern, New York, NY   11/2016 - 04/2017
- 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   09/2013 - 11/2016
- 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   08/2011 - 06/2016
Computer Science and Applied Mathematics (Dual Degrees)