

Nico Garbaccio

Hoboken, NJ | 201-264-1965 | garbaccio20@gmail.com

[LinkedIn](#) | [Github](#) | [Portfolio](#)

FULL STACK SOFTWARE ENGINEER

I'm a full stack software engineer and recent graduate of Flatiron School with six years of professional experience in education. I have developed and managed successful youth literacy and technology programs, and have expertise in program management, curriculum development, problem solving, and process improvement. I'm eager to bring my technical abilities and communication skills to a new role in which I can continue learning, build meaningful relationships, and help create impactful and innovative products.

TECHNICAL SKILLS

Front End: JavaScript, TypeScript, React, Next.js, Redux, Tailwind CSS

Back End: Ruby on Rails, Python, Django, Flask, Express, Node.js

Databases: PostgreSQL, MySQL, MongoDB, Firebase

Testing/Deployment: Jest, Cypress, Mocha, Selenium, Puppeteer, Vercel, Docker, AWS

Developer Tools: Git, npm, Webpack, Jira, test-driven development

TECHNICAL PROJECTS

Stay Awhile | *An online marketplace for short-term home rentals inspired by Airbnb*

[Live Site](#) | [Demo](#) | [Github](#) // Next.js | React | TypeScript | MongoDB | Prisma | Tailwind CSS

- Implemented in TypeScript, utilizing static typing, code refactoring, and developer experience features for robust and maintainable code across data models, API routes, and React components.
- Built a RESTful API-based booking and reservation system with user authentication and favorites page
- Developed a personalized search algorithm to efficiently filter properties based on multiple criteria
- Optimized data fetching in server-side React components using Prisma's MongoDB connector

ExplorED | *An e-learning app that allows instructors to share materials with students, create discussions, and more.*

[Live Site](#) | [Demo](#) | [Github](#) // React | Redux | JavaScript | Ruby on Rails | PostgreSQL | Tailwind CSS

- Utilized React and Redux to develop user-friendly features and interface for seamless course management.
- Wrote API functionality with Ruby on Rails, and used Active Record + PostgreSQL for database logic.
- Integrated ActiveStorage for file management and BCrypt for user authentication and authorization.

PROFESSIONAL EXPERIENCE

Code Nation | *Code Nation provides students pathways to tech careers through education and professional experiences*

Curriculum & Instruction Manager | January 2023 - Present

- Lead the development and continuous improvement of Code Nation's curriculum, incorporating feedback from various stakeholders to ensure lessons, projects, and assessments are industry-aligned and level appropriate.
- Design and build new tools to streamline processes and enhance the learning experience for Code Nation staff and students. Collaborate with organizational leadership to identify needs, develop requirements, and oversee the entire software development life cycle of the tools, from conception to deployment.

Program Manager | May 2021 - Aug 2022

- Oversaw a portfolio of four (4) high school sites, managing coordination of shared curricular resources, scheduling across multiple programs, implementation of learning and community activities, and communication within teams.
- Designed and developed learning modules and resources for volunteer instructors. Provided coaching on effective teaching practices to create an engaging and equitable learning environment.

826NYC | *826NYC's literacy programming empowers students to write their paths forward, undefined by circumstance*

Programs & Volunteer Manager | Aug 2016 - May 2021

- Piloted and launched five (5) student literacy programs in response to Covid-19 program shift, leading the development of foundational framework, curriculum, training materials, and program management processes.
- Developed and delivered comprehensive curriculum and engaging training programs for staff and volunteer instructors, focusing on effective teaching strategies, content delivery, and learner-centered approaches.

EDUCATION

Flatiron School | Immersive Full Stack Software Engineering program - JavaScript, React, SQL, Ruby on Rails | 2022

Ramapo College of New Jersey | B.A., English Teacher Education | 2015