

# Franklin Jara

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## EXPERIENCE

### Software Engineer

January 2022 – Present

*Cherry Hill Programs*

*Marlton, NJ*

- Develop and integrate multiple web applications utilizing advanced technologies such as React, GraphQL, Node, NextJS, DynamoDB, AWS, TypeScript, Dockerfile, TailwindCSS, Postgresql, Prisma, tRPC, and AuthJS.
- Collaborate with cross-functional teams to ensure the seamless operation of the web applications and deliver an optimal user experience, working closely with designers, product managers, and stakeholders to translate their requirements into functional code.
- Stay up-to-date with the latest trends and best practices in the software engineering field to continuously improve the web applications and maintain a competitive edge.

### Graduate Teaching Assistant

August 2021 – December 2021

*Adelphi University*

*Garden City, NY*

- Specialize in teaching the fundamentals of programming using Python as an Assistant for the Computer Science Department.
- Develop and deliver engaging lesson plans that cater to different learning styles, providing individualized support to students to ensure their success.
- Foster a positive and inclusive learning environment where students feel supported and empowered to pursue their interests in computer science, with a focus on equipping them with the skills and knowledge needed to thrive in the field.

## EDUCATION

### Adelphi University

Garden City, NY

*Master of Science in Computer Science, Specialization Software Engineering, GPA: 4.0*

*Aug. 2021 – May 2023*

### Farmingdale State College

Farmingdale, NY

*Bachelor of Science in Computer Programming and Information Systems, GPA: 3.7*

*Aug. 2019 – May 2021*

## PROJECTS

### Receta | *NextJS, Prisma, PostgreSQL, TypeScript, tRPC, Tailwindcss, Vercel, Railway, NextAuth* Receta Demo

- Built a robust full-stack web application utilizing tRPC, which provides seamless end-to-end type safety and a hassle-free developer experience.
- Leveraged Next-Auth to facilitate social logins such as Discord, enhancing the user experience and streamlining the authentication process.
- Integrated Prisma, a powerful database toolkit, to improve reliability, collaboration, and visibility when working with PostgreSQL, enabling seamless data management and optimizing workflow efficiency.

### Pepa | *React Native, Expo, TypeScript, React Hook Form*

Pepa Demo

- Utilized TypeScript to achieve end-to-end type safety across multiple components, ensuring reliable and error-free development.
- Built a workout application using Expo as the primary framework for the mobile application, leveraging its powerful features to create a seamless and engaging user experience.
- Employed React Hook Form to build highly-secure forms, providing robust protection against common vulnerabilities and improving the overall stability and performance of the application.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, Java, CSS3, HTML5, GraphQL, PostgreSQL, MySQL, NOSQL (MongoDB, DynamoDB)

**Frameworks:** React, React Native, Expo, Node.js, NextJS, NestJS, Express, Sass, Scss, Amplify

**Developer Tools:** Git, Docker, Visual Studio Code, Bash, Vim, NPM, YARN, Neovim

**Libraries:** Redux, Redux Toolkit, TypeORM, Prisma, Mongoose, JWT, Apollo-Client, Alexa SDK-Python, tRPC, React-Query, React-Table, Next-Auth, Chakra-UI, Material-UI, Tailwindcss, Azure AD

**Other:** Data Structures, Algorithms, Object Oriented Programming, Functional Programming, Agile, Scrum, NPM, Yarn, MVC, Design Patterns, Software Systems, RESTful, AWS, S3, CloudWatch, Lambda, EC2