

Franklin Jara

franklinjaradev@gmail.com | github.com/makyinmars | linkedin.com/in/franklin-jara-fj | franklinj.dev

EXPERIENCE

Software Engineer

January 2022 – Present

Cherry Hill Programs

Marlton, NJ

- Architected and developed high-performance web applications using a cutting-edge tech stack including React, GraphQL, Node.js, Next.js, TypeScript, and AWS services (DynamoDB, etc.), resulting in a scalable e-commerce platform that processed over 1 million orders.
- Championed best practices in software engineering, including code reviews, automated testing, and continuous integration/deployment (CI/CD), fostering a culture of quality and innovation within the development team.
- Implemented secure authentication and authorization systems using Auth.js, safeguarding user data and ensuring compliance with industry standards.

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

Starlit AI | *NextJS, PostgreSQL, TypeScript, OpenAI, Tailwindcss, Stripe, Cloudflare, Stripe*

[Starlit AI Demo](#)

- Developed a Next.js-based AI image generation web application with user authentication, database integration, and cloud storage functionality.
- Implemented secure payment processing using Stripe, and user management with Clerk, enhancing the application's e-commerce capabilities.
- Utilized modern web technologies including TypeScript, Tailwind CSS, and Drizzle ORM for efficient database operations and responsive design.

Patient XStarter | *React Native, Expo, TypeScript, tRPC, Turborepo, Next-Auth*

[Patient XStarter Demo](#)

- Developed a full-stack healthcare application using Turborepo, React Native, and Expo, integrating with the Canvas Medical FHIR API to enhance patient care and data management.
- Implemented secure authentication and authorization using NextAuth, ensuring HIPAA compliance and protecting sensitive patient information.
- Leveraged tRPC to create type-safe, efficient API communication between the React Native mobile app and the backend, improving development speed and reducing runtime errors.

TECHNICAL SKILLS

Languages: Zig, Java, JavaScript, TypeScript, Python, Java, CSS3, HTML5, GraphQL, Go, 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, Turborepo

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, Cloudflare, R2, Workers