

# Pavly Rizk

## Software Engineer

Dedicated and hardworking software engineer seeking a full-time position in the field of software development.

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Location: Bayonne, NJ

## EXPERIENCE

### [iGo Stem Academy](#), Edison, NJ — *Full Stack Developer*

February 2022 - PRESENT

Led the design and deployment of a web-based tutoring platform with dynamic scheduling and pricing. Worked within an Agile team, contributing to various stages of the project lifecycle. Utilized Velo and Wix for initial build. Leveraged Next.js, Netlify, multiple APIs, Sequelize, Express, React.js, Node.js, Heroku, and MySQL, and implemented CI/CD for redevelopment.

### [Juego.Juegos](#), Remote — *Back End Developer*

February 2023 - PRESENT

Architected a secure MySQL/GraphQL database and optimized its performance. I developed REST APIs with React Native and ensured secure authentication using JWT and OAuth2. I utilized various APIs, implemented S3 features, and set up multiple backend environments. I created lambda functions for tasks like AppSync utilization, data migration, push notifications, and authentication. Currently, I'm developing an iMessage applet using Xcode and Swift

## EDUCATION

### **New Jersey Institute of Technology, Newark, NJ — Bachelor's Degree**

September 2020 - May 2023 | GPA: 3.32

Relevant Courses: Computer Systems and Organization, Programming Languages, Advanced Database Systems, Operating Systems, Computer Networking, Android Development, Advanced Data Structures & Algorithms.

## PROJECTS

### **Typing Game Website — [QuickType](#) | Fall 2022**

Developed a full-stack web app for user registration, login, leaderboard, and typing game using MySQL and the MERN stack. Hosted on AWS with Git/GitHub and automated deployment with Terraform.

### **Mobile Typing Game — FastThumbs | Fall 2022**

Created an Android app for user registration, a typing game, leaderboard, and profile management. Scores and user information are stored in a database, and prompts are generated from APIs.

## SKILLS

Python, Java, JavaScript, CSS, HTML, Kotlin, Bash, TypeScript, Swift, C#, C, C++, Objective C, PL/SQL, React, Express, Django, Node, Bootstrap, MySQL, PostgreSQL, SQLite, XML, JSON, Linux, .NET, Sequelize, MongoDB, PHP, Heroku, Git, GitHub, AWS, Docker, Terraform, REST APIs, Xcode, Visual Basic, Visual Studio, PyCharm, CI/CD, Kafka, Next, Tailwind, NoSQL, Angular, GCP, Trello, Jira.

Languages: English, Arabic.

## Interests

Watching sports, TV shows, and movies, playing sports, cooking, exploring new restaurants, making coffee drinks, spending time with family and friends, learning programming languages/frameworks, and traveling to new destinations.

## Volunteer Experience

### **Coptic Orthodox Church of Saint Mark, Jersey City, NJ — Youth Mentor**

September 2012 - PRESENT

Planned and facilitated youth meetings and activities to promote spiritual growth, community building, and character development.

Mentored and guided 8th-grade youth in navigating life challenges and making positive choices.