Pavly Rizk

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

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GitHub: github.com/mrpavsss
Location: Bayonne, NJ

EXPERIENCE

iGo Stem Academy, Edison, NJ— *Full Stack Developer*

February 2022 - PRESENT

Collaborated in an Agile team to design and launch a web-based student tutoring platform with flexible scheduling and pricing options.

Integrated tutor profiles, highlighting expertise and subject coverage, using Velo, Wix, Sequelize, Express, React.js, Node.js, Heroku, and MySQL.

Juego.Juegos, Remote — Senior *Back End Developer*

February 2023 - PRESENT

Designed secure database architecture and schema using MySQL/GraphQL and optimized database queries and indexing strategies for enhanced application performance.

Developed REST APIs using React Native, implemented secure authentication and authorization using JWT and OAuth2, and created lambda functions for server-side tasks.

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.app | 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 — *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

Technologies: 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.
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.