

Joseph Michael Martinez

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Links: [GitHub Repositories](#) | [LinkedIn](#) | [Personal Website](#)

EDUCATION

Loyola Marymount University

Bachelor of Science, Computer Science

Graduated Cum Laude, Dean's List 2015-2019

May 2019

GPA 3.64

SKILLS

- Languages: JavaScript, TypeScript, Java, HTML, CSS, Python, C++, C, C#, Hack, PHP, and Elm
- Frameworks/Libraries: React, Spring Boot, Redux, GraphQL, Loopback, EOS, Angular, Next.js, and .NET
- Databases: MongoDB, MySQL, PostgreSQL, Oracle, and Cassandra
- Tools/Technologies: REST, AWS, Docker, NodeJS, Git, and CodeQL

TECHNICAL EXPERIENCE

AT&T (via TEKsystems)

Remote

Full Stack Engineer

Apr 2025 – Sep 2025

- Delivered major improvements in TDD practices and CI pipelines during a 5-month contract by teaching engineering teams best practices in Test-Driven Development, resulting in a 38% increase in code coverage and 42% reduction in post-deployment defects across **Java Spring Boot** and **React** applications.
- Mentored team on **GraphQL**, **NodeJS**, and **TypeScript** integration, driving a 60% increase in API efficiency and successful adoption across four enterprise-scale applications
- Reduced backend security vulnerabilities by 47% through a pre-commit **CodeQL** scanning pipeline integrated into **Git** workflows, enabling early detection of issues before production
- Refactored legacy application components across **React** and **Java Spring Boot** services, improving accessibility, reducing frontend bugs by 30%, and decreasing backend errors through better validation

Smile Brands Inc.

Remote

Full Stack Engineer:

Aug 2022 – Apr 2025

- Organized end-to-end development of web applications, ensuring responsiveness from **React** and **Next.js** design, flexibility from **GraphQL** and **RESTful APIs**, and optimal storage and retrieval from **PostgreSQL**
- Developed scalable web applications that streamlined operational workflows such as appointment scheduling and user data management, improving system efficiency by 60% and reducing long-standing bugs by 75%
- Led implementation of best practices for code standards, rigorous testing protocols in **Jest** and **Mocha**, and comprehensive code review processes within **Github**, resulting in a 50% reduction in time spent on refactoring and bug fixes in **React/Node** codebase
- Designed and optimized database solutions using **PostgreSQL** and **MongoDB**, and implemented **Redis** caching to reduce query response times by 70%, improving scalability and user experience across high-traffic applications

Meta

Remote

Full Stack Engineer:

July 2021 – Aug 2022

- Refactored backend processes in **GraphQL** to decrease payload delivery times to **React** front end by 56%
- Resolved high-volume bugs during critical periods, improving turnaround time and boosting team velocity
- Reduced malformed purchase requests by 28% by improving back end's error handler built in **Hack**

PROJECTS

Space Listings – Full-Stack GraphQL & React Application | [GraphQL-React-Full-Stack-Project](#)

- Built a full-stack web app for adding and removing space listings using a React frontend with Apollo Client, a GraphQL API with Apollo Server, and TypeScript-based state management, showcasing dynamic CRUD operations and modern API design