# Kenley Rodriguez

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## FULLSTACK SOFTWARE ENGINEER

Results-driven fullstack software engineer with 2+ years of experience in backend and frontend development, API design, and cloud technologies. Proven track record of delivering robust software solutions using Node.js, JavaScript, TypeScript, and React. Skilled in Agile methodologies, CI/CD pipelines, and cross-functional collaboration. Experienced in developing responsive web applications and implementing test-driven development practices. Passionate about creating innovative, user-centric solutions that drive business value. Adept at optimizing code for high performance and scalability across various platforms.

## EXPERIENCE

**Discover Financial Services**                                                    July 2022 – July 2024

*Fullstack Software Engineer*                                              *Riverwoods, IL – Remote*

- Designed and developed RESTful APIs using TypeScript and Node.js, facilitating efficient data/content management for client-based applications. Collaborated with cross-functional teams to ensure smooth integration and high-quality user experience for 4000+ employees
- Collaborated effectively in an Agile team environment of 10+ engineers, utilizing Jira for sprint planning, task management, and progress tracking. Consistently met sprint goals and improved team velocity by 20% through efficient use of Jira's features for backlog grooming, story point estimation, and sprint retrospectives
- Set up CI/CD pipelines with Jenkins for automated testing and deployment of TypeScript and JavaScript codebases, reducing deployment time by 40% and improving code quality
- Deployed 30K+ lines of production code, ensuring platform high availability and performance through rigorous testing and optimization
- Led and mentored two engineers, fostering collaboration and delivering high-quality solutions. Conducted regular code reviews, implemented pair programming sessions, and held one-on-one meetings to provide personalized guidance and support
- Contributed to frontend tasks using TypeScript and React and created comprehensive API documentation using Swagger, improving developer onboarding time by 30% ensuring seamless integration between frontend and backend systems

*Business Technology Intern*                                                    *June 2021 - Aug 2021*

- Developed a content processor that converted markdown files to HTML, enhancing an internal website's usability for over 700 Discover employees. Utilized technologies such as Node, Pivotal Cloud Foundry, and Markdown
- Cooperated successfully with a diverse team of interns, leveraging collective skills to successfully complete and present a comprehensive project, demonstrating strong teamwork and communication abilities in a professional setting

## PROJECTS

**Spotify Profile** | *React, Node, Express, Tailwind, Firebase*                                    2024

- Developed a dynamic web application and playlist generator using the Spotify API, enabling users to explore personalized music recommendations based on their listening history and top tracks
- Handled authentication and API requests by integrating Firebase Functions, providing secure, serverless backend services to manage user data and interactions, and hosting the application on Netlify for reliable deployment
- Utilized modern web technologies to build a responsive and visually appealing user interface, ensuring uninterrupted performance across various devices and screen sizes

**Portfolio Website** | *React, Gatsby, Firebase*                                                    2023

- A modern, performant, and visually appealing personal portfolio website built with Gatsby
- Hosted on Firebase for easy updates/deployments and reliable performance

**Misu - Smart Home Mobile App** | *React Native, Home Assistant, Node, Redux*                    2022

- Mobile application that allows a homeowner to safely share access to their smart home devices to their guests
- Refactored over 10,000 lines of code to meet industry standards, demonstrating adaptability and large-scale project management skills
- Implemented responsive design principles to guarantee seamless functionality and consistent user experience across both iOS and Android platforms, expanding the app's accessibility

## Education

**University of Central Florida – GPA 3.5**                                 Orlando, FL
*Bachelor of Science in Computer Science*                         *August 2019 – May 2022*

**Valencia College**                                 Kissimmee, FL
*Associate of Art in General Studies*                         *August 2016 – December 2018*

## Technical Skills

**Languages and Technologies**: Node.js, JavaScript, Typescript, Express, Kubernetes, React, React Native, SQL (Postgres, MariaDB), Java, Python, C/C++ , HTML/CSS, Jest
**Tools & Platforms**: Jira, Git, Docker, OpenShift, VS Code, IntelliJ, Bash, Sequelize, Jenkins, AWS, JFrog Artifactory, Swagger, Datadog

## Core Competencies

**Full-stack Development — API Design — Test-Driven Development (TDD) — Cloud Technologies — Agile Methodologies — Test Strategy Implementation — Object Oriented Programming — Cross-functional Collaboration — System Architecture — Continuous Integration/Continuous Deployment (CI/CD) — Performance Tuning — Technical Documentation — Problem Solving — Version Control (Git) — Project Management — Public Speaking — Collaboration**