

# NIHAL M. KELANTHODIKA

## Junior FULL STACK WEB DEVELOPER

### SUMMARY

Full Stack Web Developer with hands-on experience in optimizing web application performance, particularly in eliminating N+1 queries and upgrading pagination systems to improve speed and efficiency. Proven track record with the Open Food Network optimizing app loading times by 4% and enhancing CI build times from 12s to 0.2s. Skilled in front-end technologies including JavaScript, React, and Redux, as well as back-end expertise in Ruby on Rails, MySQL, and PostgreSQL. Demonstrated proficiency in Git, GitHub, Heroku, and Netlify, alongside a strong foundation in Mobile/Responsive Development and TDD with tools like RSpec. Holds a Bachelor's degree in Computer Science and Engineering from Anna University and has completed a Full Stack Web Development Program focusing on advanced algorithms, data structures, and project-based learning with international teams. Actively volunteers as a mentor to junior web developers, emphasizing high-quality coding standards and performance optimization.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	JavaScript, React, Redux-Saga, jQuery, HTML5
<b>Programming Languages</b>	JavaScript
<b>UI Frameworks, Libraries, and Browsers</b>	HTML5, jQuery
<b>JavaScript Frameworks</b>	jQuery, React
<b>JavaScript Libraries and Tools</b>	Redux-Saga
<b>Methodologies, Paradigms and Patterns</b>	FDD
<b>Soft Skills</b>	Mentor Aptitude
<b>UI/UX/Wireframing</b>	Responsive Design
<b>Other Technical Skills</b>	Chrome Dev Tools, Teamwork

## WORK EXPERIENCE

### Remote Full Stack Developer, Full Stack Development

**Duration:** April 2021 - September 2022

**Summary:** Optimized app loading times and upgraded legacy features for better performance.

**Responsibilities:** Optimizing app loading times by reducing N+1 queries, upgrading legacy pagination, building customer facing features to comply with region based compliance laws, improving CI build times by utilizing scopes.

**Technologies:** Ruby on Rails, JavaScript, PostgreSQL, Git, GitHub, Heroku

### Remote Full Stack Web Developer, Get Top Anime

**Summary:** Developed a web scraper that aggregates top anime from users' ratings.

**Responsibilities:** Building a web scraper to gather and rank anime based on user ratings.

**Technologies:** Ruby, Rspec

### Remote Full Stack Web Developer, Tic-Tac-Toe

**Summary:** Created a simple tic-tac-toe game.

**Responsibilities:** Developing a tic-tac-toe game.

**Technologies:** Ruby, Rspec

### Remote Full Stack Web Developer, Calisthenics Daily

**Summary:** Built a Rails web app for tracking daily exercise routines.

**Responsibilities:** Building a web application for users to track daily calisthenics exercises.

**Technologies:** Rails, PostgreSQL, HTML, CSS

## EDUCATION

- **MICROVERSE**

Remote Full Stack Web Development Program, Full Time  
2020 - 2021

- **ANNA UNIVERSITY**

Bachelor of Engineering, Computer Science and Engineering  
2017 - 2020

