



RAJARAJESHWARI KARNAN

📍 Napier, New Zealand | NZ Work Visa Holder - No Restriction

rajikarnan24@gmail.com | ☎ 0225462460

Professional Summary

Experienced Senior Frontend Developer based in **Napier, New Zealand**, with a robust 5-year background in developing innovative technical solutions across various industries. Proven expertise in leading projects and teams to success, specializing in ReactJS, NodeJS, and VueJS among other technologies. Demonstrated ability to improve operational efficiency and project delivery through effective problem-solving and process optimization.

Technical skills

- **Frameworks & Libraries:** ReactJS, NodeJS, VueJS, NextJS, TypeORM, Material UI, Bootstrap, jQuery, Express, .NET
- **Programming Languages:** JavaScript, TypeScript, PHP, Kotlin, C#
- **Front-End Development:** HTML5, CSS3, SASS
- **Back-End Development:** REST APIs, SQL, MongoDB, PostgreSQL
- **Other:** API Integration, Redux, MVC, OOP, AJAX, REST API, API Mocking, CRM systems, Marketing Automation Tools, Git, Jira, Microservices, Code reviews
- **DevOps & Cloud Services:** AWS, CI/CD Pipelines (GitLab, Jenkins)
- **Testing & Debugging:** Debugging tools, Unit Testing (Jest, Mocha)
- **Platforms & Tools:** AWS, Postman, JIRA, Confluence, Android Development, WordPress
- **Development Methodologies:** Agile workflows (Scrum, Kanban), Version Control (Git)

Experience

Teton IT Management Services | United States, Remote

Full Stack Web Developer

02/2025 - Current

- Redesigned sites to enhance navigation and improve visual appeal.
- Contributed ideas towards improving the usability of web application interfaces.
- Designed and implemented user interfaces using HTML, CSS, and JavaScript to enhance user experience.
- Kept detailed documentation on test plans, procedures, and end results.

Altimetrik (Client - Samsung) | Chennai, India

Senior Software Development Engineer

02/2023 - 08/2024

- Partnered directly with Samsung at their facility.
- **TechStack** - Vue JS, React JS, Typescript, Redux, Node JS, TypeORM, HTML, CSS, Next JS.
- **Led the development and launch** of seven innovative features, enhancing user experience and functionality.
- Handled MyOrders module responsibilities, ensuring efficient post-order operations for Samsung US.
- Earned an **Exemplary Achievement and Performance award** for outstanding contributions to project success and efficiency improvement.
- Assisted with new product launches through vigilant monitoring.

- **Designed** the Samsung Ring post-order process, including size selection.
- Facilitated seamless task completion via **coordinated teamwork with dependent microservices**.
- Streamlined return and replacement processes **significantly improve customer satisfaction and operational efficiency**.
- **Redesigned** Samsung MyOrders - post-purchase process.
- **Evaluated and interviewed** more than 15 applicants in half a year.

Prenetics | Chennai, India
Senior Software Engineer
 01/2022 - 02/2023

- **Company Overview:** Healthcare
- **TechStack** - ReactJS, Typescript, Redux, NodeJS, TypeORM, HTML + CSS, JavaScript, Postgresql, Gherkin
- Created many components and worked on **APIs, integrations, frontend and backend development, unit, component, and API tests**.
- **Working with clients for product improvement** and changes in a business-to-business environment.
- **Developed a workflow** for covid-19 test data for cruise ships embarkation and result generation - collecting customer info, adding test tube data, and result upload
- **Mentored** two **junior developers**, guiding them in best coding practices to ensure quality and adherence to project timelines.
- **Developed and managed modules** on the Prenetics e-commerce website (circledna.com, circlepaw.com)

Teton It Management Services | New Zealand, Remote
Full Stack Developer (Remote)
 09/2020 - 01/2022

- **Company Overview:** Trading platform
- **TechStack** - JavaScript, JQuery, React, Blockchain/Cryptocurrency, HTML + CSS, XML
- Responsible for the overall functionality and UI/UX of the website
- Implemented innovative solutions, including a **BTC payment acceptance** system.
- Created a system for recording time allocated to user support.
- **Implemented** an engaging self-help portal, reducing time spent on user support.
- **Enhanced efficiency** in handling trading information by automation.

Zoho Corporation Pvt Ltd
Member Technical Staff (Web Developer- Zoho Cliq)
 07/2019 - 09/2020

- Zoho Product: **Zoho Cliq**
- **TechStack** - Java, JavaScript, JQuery, React, HTML + CSS
- Directed complete overhaul of product's visual and functional design.
- Engineered a suite of **new functionalities**, with the Media gallery becoming particularly popular.
- Boosted the operational efficiency of the media gallery.
- Implemented and directed improvements in Admin panel operations.

Local Experience

Kmart | Hastings, New Zealand Team Member (casual)

02/2025 - current

Key Responsibilities

- **Create and implement new features** based on designs from Figma and various software tools
- **Collaborating with cross-functional teams** to understand, develop, and deploy new features.
- Maintaining existing software modules through **bug fixes and workflow enhancements**.
- **Developing and running unit and integrated tests** to guarantee a bug-free deployment.
- Suggesting changes and enhancements to designs, considering user experience.
- **Delivering high-quality software solutions**, participating in daily stand-ups, sprint planning, and retrospectives to ensure alignment and continuous improvement.
- **Effectively utilized Agile workflows** to enhance team collaboration, streamline development processes, and deliver projects within deadlines while adapting to dynamic requirements.
- Proficient in utilizing **CI/CD pipelines** to automate and streamline build, test, and deployment processes, ensuring efficient and reliable delivery of software.
- Experienced in managing **version control using Git**, implementing branching strategies, and collaborating on code reviews to maintain code quality and facilitate seamless deployments.

Education

Anna University | Chennai

Bachelor of Technology (NZQA-recognized Equivalent To A NZ Level 7 Bachelor's Degree) in Information Technology

05/2019

Achievements

- 1st Runner-up in **Rajkot Smart City Hackathon**, 2017, Won 1st runner up in Rajkot Smart City Hackathon held in Gujarat for the project - RMCV-Classrooms.
- Finalist in **Smart India Hackathon**, 2018, Selected as one of the top 12 contestants in Smart India Hackathon held in Maharashtra.

Personal Projects

NoteVault - website

A place to store notes with registration and login facilities, save and categorize your notes.

ReactJS, NodeJS, MongoDB, HTML + CSS.

RMC VClassrooms - website and app

09/01/17 - 10/01/17

An Learning platform that schools or colleges can administer to teach online. Includes feature to upload notes, conduct exams/tests, upload and evaluate assignments, view exam and assignment results, access to books online, and conduct online classes. Separate logins for Students and staff., Java, JavaScript, JQuery, HTML, CSS, XML.

Crime mapping - website and app

12/01/18 - 01/01/19

A website that categorizes crimes and provides reports on hotspot areas for specific crimes, as well as official records on all accused individuals. Accepts data through CSV files and maps them. Includes features to file a complaint to the police online, an Emergency feature to alert police in critical situations, search for a crime hotspot, update., Java, JavaScript, jQuery, QGIS (for mapping), HTML + CSS.

Baymax Personal Health Assistant - App

01/01/19 - 04/01/19

Health care assistant - Includes step tracker, Heartbeat tracker, and mood tracker. Based on the data received from the tracker, an alert message is generated for the specified individuals (a number that will be entered into the system by the user during registration) and their doctor, as well as nearby hospitals, using their location. (For elderly people and those in need), Medicine alerts (If fed with prescription and purchase details, notifies to buy medicine). Also has details about nearby hospitals and doctors for specific health conditions.

Activities and Honors

- Award for Exemplary Achievement and Performance at Altimetrik

Websites, Portfolios, Profiles

- <https://www.linkedin.com/in/rajikarnan/>
- <https://github.com/rajikarnan>

References

References available upon request.