

# Renan Taizo Nakashima

---

**Email:** renan.nakashima@squareit.tech

**Phone:** +5541991624061

**LinkedIn:** <https://www.linkedin.com/in/renantn>

**Github:** <https://github.com/renantn>

## Summary

---

Results-driven Software Engineer with over 5 years of experience excelling in the development of innovative technology solutions. Proven expertise includes telemetry projects, web dashboards, and embedded software. Adept in a diverse tech stack, demonstrating leadership as a tech lead for two years. Committed to leveraging technology for precision and productivity. Founder of TAIZO Informática, an ecommerce platform serving gaming and computer enthusiasts, and creator of Square IT, a dynamic company offering technology consulting and software development services. Open to new challenges and collaborations, with a passion for making a meaningful impact in both technology and entrepreneurship.

## Skills

---

**Project Management:** Agile, SCRUM, Technical Writing, Documentation, Project Scope Analysis, Requirements Gathering

**Programming Languages:** C/C++, C#, Python, Kotlin, Javascript, Typescript, Ruby, HTML, CSS

**Frameworks:** Angular, React, React Native, Flutter, Ruby on Rails

**Operating Systems:** Linux, MacOS

**Cloud Providers:** IBM Cloud, Azure, AWS

## Work Experience

---

### Full Stack Software Engineer

*Vintality - Contract, Remote, Canada*

*Feb 2023 - Aug 2023*

- Developed front & back end for a mobile (Android & iOS) app for an irrigation management system for vineyards.
- Implemented an automatic weather alerts notification system based on field location.

### Tech Lead: Ag Application Management & Telematics

*Agres Sistemas Eletrônicos - Employee, Remote, Brazil*

*Mar 2021 - Sept 2023*

- Oversaw technical aspects of projects, made architectural decisions, and managed two distinct teams.
- Coordinated the development of an MVP for a telematics device in just 3 months.
- Improved code coverage from 10% to 70% with minimal impact on delivery time.

- Achieved OTD of 85% through the implementation of agile best practices and continuous improvement.

### **Senior Software Engineer: Ag Machine Terminal**

*Agres Sistemas Eletrônicos - Employee, Curitiba, Brazil*

*Apr 2019 - Mar 2021*

- Designed, developed, tested, and integrated bare-metal embedded software for ECUs and embedded systems.
- Designed and developed a versatile internationalization feature for a memory-constrained device.
- Designed a stack-dump library.
- Significantly improved auto-steering accuracy by fine-tuning control parameters.

## Education

---

### **Master's Degree in Electrical and Computer Engineering**

*Universidade Tecnológica Federal do Paraná, Curitiba, Brazil*

*Mar 2018 - Dec 2020*

- Developed an innovative Auction-Based Algorithm for Real-Time Task Allocation in Multi-Robot Systems.
- Published more than 4 papers, 2 of them in prestigious Journals.
- Presented my latest results at Congresso Brasileiro de Automática - CBA 2018.

### **Bachelor's Degree in Computer Engineering**

*Universidade Tecnológica Federal do Paraná, Curitiba, Brazil*

*Mar 2010 - Sep 2017*

- Developed a low-cost IoT proof-of-concept for House Automation.
- Developed a low-cost research platform for Multi-Robot Systems.

## Languages

---

- English (C1/C2)
- Brazilian Portuguese (Native)