

Nicholas Miyasato

Full Stack Software Engineer

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with 3+ years designing and delivering scalable web and mobile applications serving 10,000+ daily active users, data pipelines, and cloud-native systems. Product engineering, modern frontend and backend architecture, data engineering, and infrastructure automation — with a track record of building end-to-end systems.

EXPERIENCE

Informar Saúde

Software Engineer (Full-time)

Remote

Oct 2025 – Present

- Designed and implemented healthcare analytics pipelines on BigQuery, Dataform, Python, PostgreSQL and MySQL.
- Built the operational dashboards and analytical reporting that clinical and business stakeholders decide on.
- Contributed to cloud migration work across the GCP and Microsoft ecosystems, improving infrastructure scalability and operational efficiency.
- Wrote the technical documentation and worked directly with healthcare teams to reduce operational friction around the systems.

Stack: Python, BigQuery, Dataform, PostgreSQL, MySQL, GCP

Zukk

Software Engineer (Freelance)

Remote

Jul 2025 – Jan 2026

- Consulted on a compliance-index system for Neoenergia, one of Brazil's largest electricity groups, on a large and high-complexity codebase.
- Built C#/.NET Web APIs and Angular front ends against existing enterprise services and data contracts.
- Implemented RabbitMQ messaging between services to decouple processing and improve throughput under load.

Stack: C#, .NET, Angular, Web API, RabbitMQ

A Divisão

Product Engineer (Contract)

Remote

Jun 2025 – Present

- Architected and built the platform connecting companies with military veterans, sized for high concurrent traffic.
- Implemented Stripe payments, plan control and subscription management — the platform's monetisation layer.
- Automated the test and deploy pipelines with CI/CD, reducing release cycle time and improving delivery reliability.
- Built the real-time metrics and audit dashboards the team runs on, including the record of who changed what.

Stack: Next.js, React, Supabase, DynamoDB, Stripe, Docker, CI/CD

PIC Money

Product Engineer (Contract)

Remote

May 2025 – Present

- Designed the database architecture and backend infrastructure for performance, scalability and maintainability.
- Built mobile and web features including authentication, API integrations, geolocation and augmented reality.
- Own QA for the releases I ship, and take part in product planning and go-to-market scoping alongside the founders.
- Documented APIs, business flows and architectural decisions to support long-term product evolution.

Stack: Flutter, React, Node.js, PostgreSQL, API Design, Cloud Infrastructure

Brazilian Army

Head of Information Technology Section (Full-time)

Campo Grande, Brazil

Jan 2023 – Jun 2025

- Led the IT section supporting infrastructure, automation and internal systems for over 300 users.
- Developed reusable intranet templates adopted by multiple military organisations nationwide.
- Automated operational workflows in Python, cutting manual workload across the unit.
- Introduced agile practice and technical process standardisation across internal development.

Stack: Python, System Administration, Automation, Infrastructure, Agile

SELECTED PROJECTS

Meus Gastos
Solo — product, engineering, operations

meusgastos.dev.br

2026

- Built and shipped a personal finance tracker as an Android app and a web app sharing a single Supabase backend, with Google OAuth and row-level security isolating each user's data at the database layer.
- Designed the expense-entry flow around a five-second interaction, on the premise that an expense log with gaps in it is worse than none.
- Implemented spending analytics and per-category limits that surface overspending before the fact rather than after.

Stack: React Native, Expo, TypeScript, Supabase, PostgreSQL, Next.js

FAM Security
Solo

famsecurity.com.br

2023 – Present

- Designed and built the web presence for a São Paulo security and facilities company, now serving on the client's own domain.
- Structured the site around the three lines of business — guarding and escort, security technology (CCTV, monitored alarms, access control), and facilities — with server-side rendering for first-response indexability.

Stack: Next.js, React, Tailwind CSS

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, C#, SQL

Frontend: React, Next.js, Angular, Flutter, HTML, CSS

Backend: Node.js, Express, .NET

Databases: PostgreSQL, MySQL, DynamoDB, OracleDB, BigQuery

Cloud & DevOps: AWS, GCP, Docker, CI/CD, GitHub Actions

Data engineering: ETL pipelines, Dataform, Analytics engineering

Methodologies: Agile, Scrum, Kanban

Spoken languages: Portuguese (Native), English (Fluent)

Equivalent role titles: Full Stack Software Engineer • Software Engineer • Full Stack Developer • Systems Analyst & Developer

EDUCATION

Descomplica Faculdade Digital
Associate Degree, Systems Analysis and Development

2022 – 2024

Certifications: Introduction to Cloud, Semester 1 (AWS Academy) • Business Intelligence with Power BI (SENAC/MS) • IT Infrastructure Management (FIAP) • Cybersecurity (FIAP)