

# KAIO VICTOR CASTRO

Software Engineer | Angular · TypeScript · .NET · AI Automation

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## PROFESSIONAL SUMMARY

Software Engineer with production experience developing and maintaining critical systems — including financial management platforms and operational control systems — using Angular and TypeScript on the front-end and .NET on the back-end. Skilled in legacy system refactoring, REST API integration, component architecture, and continuous delivery within Scrum cycles. Freelance developer delivering end-to-end digital solutions for local businesses. Expanding into process automation with n8n and AI agent development. Driven by technical quality, clean code, and solving real problems in production environments.

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## TECHNICAL STACK

**Front-End:** Angular · TypeScript · JavaScript (ES6+) · React · React Native · HTML5 · CSS3 · TailwindCSS

**Back-End:** Node.js · .NET · C# · REST APIs

**Databases:** MongoDB · PostgreSQL · Firebase

**Tools:** Git · GitHub · Bitbucket · Git Flow · Docker · Sourcetree

**Methodologies:** Scrum · Clean Code · SOLID · Design Patterns · Component Architecture · Code Review · Continuous Delivery

**Automation and AI:** n8n · AI Agents · Claude Code

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## PROFESSIONAL EXPERIENCE

### Software Engineer

Prolins Software House & Outsourcing

Fortaleza, Brazil (On-site) | Jul/2025 - Present

- Develop and maintain critical production systems — including a legacy financial management platform and an operational control system — using Angular, TypeScript, and .NET.
- Refactored highly coupled legacy modules, reducing code duplication by over 30% and eliminating entire classes of recurring bugs in targeted areas.
- Implemented complete edit, validation, and data persistence flows integrated with REST APIs, reducing maintenance rework by over 40% in those features.
- Contributed to back-end development with .NET, building endpoints and business logic for systems with real users in production.
- Simultaneously active across 3 distinct production systems, maintaining consistent delivery cadence and code quality without increasing production incidents.
- Resolved critical bugs in operational systems with direct business impact, meeting service level agreements for response and fix time.

## Software Engineering Intern

Prolins Software House & Outsourcing

Fortaleza, Brazil (On-site) | May/2025 - Jul/2025

- Delivered functional features in real web projects within multidisciplinary teams, from development through production deployment.
- Applied Git Flow with Bitbucket and Sourcetree for version control and branch management in a collaborative environment.
- Supported front-end and back-end technical demands, translating business requirements into technical implementation within sprint deadlines.

## Freelance Software Developer

Kaio CodeWeb

Fortaleza, Brazil | 2024 - Present

- Deliver end-to-end digital solutions for local businesses, from requirements gathering to deployment.
- Active client delivery: responsive landing page with WhatsApp integration, on-page SEO, Open Graph, and mobile CTA bar.
- Showcase project BRASA NOIR: premium landing page with Schema.org structured data, full visual identity, and conversion optimization.

## PROJECTS

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### FinCode — Personal Finance Management System

React · Node.js · MongoDB · Firebase · Vite · TailwindCSS | [fin-code.dev](#)

Full Stack application for personal finance tracking with transaction management, interactive dashboards, secure authentication, and real-time data sync. Built with Clean Code, SOLID principles, and component architecture.

### Kaio CodeWeb — Engineering Portfolio

HTML · CSS · JavaScript | [kaio-codeweb.tech](#)

Responsive professional portfolio with modern visual identity and showcase of technical projects and skills.

## EDUCATION

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### Bachelor's Degree in Information Systems

UNI7 | Fortaleza, Brazil | 2025 - 2028

## CERTIFICATIONS

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- Full Stack Developer — DevClub | 2025-2026
- CS50 Web Programming with Python and JavaScript — Harvard University | 2025
- n8n — Workflow Automation and AI Agents | In progress

## LANGUAGES

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Portuguese: Native | English: Intermediate (B1) | Spanish: Intermediate

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Open to remote, hybrid, or on-site opportunities | Available for international roles