CARLOS EDUARDO NASS

+55 47 99267 9420 • cadunass0@gmail.com • linkedin.com/in/cadunass • cadunass.com

SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

Security-focused Software Engineer with over 6 years of experience, skilled in full-stack web development, designing and optimizing secure, scalable systems. Expert in Rust, Typescript, NextJS, NodeJS, React, API development, and implementing security and DevOps best practices across the software lifecycle.

CORE SKILLS

Software Engineering & Architecture: Software Engineer, Software Architecture, Object-Oriented Programming (OOP), Code Review, Debugging, Technical Documentation, Agile Methodologies, Software Development Life Cycle

Web & Application Development: Rust, React, Next.js, Vue.js, Typescript, Javascript, HTML, CSS, Tailwind CSS, Node.js, Python, Java, NestJS, API Development, REST API, Full-Stack Web Development, Responsive Design, Performance Optimization, SEO, Cypress, E2E (End-to-End Testing)

DevOps & Deployment: DevOps Practices, DevOps, CI (Continuous Integration)/ CD (Continuous Development) Pipelines, Docker, Git, Version Control, GCP (Google Cloud Platform), Kubernetes

Database & Data Management: SQL, PostgreSQL, NoSQL, Database Management

Concepts: Blockchain, Web3, Technical Support, Microservices Architecture, AI, LLM

WORK EXPERIENCE

Alore | 2022–Present
Software Engineer
- Migrated a Rust monolithic server to a modular monorepo, improving build times by 10% and developer productivity by 150%
- Optimized NodeJS backend operations by migrating a high-traffic Express API to NestJS/Fastify stack, resulting in a 4x increase in requests per second (RPS) and an 80% reduction in latency
- Designed CI/CD pipelines and introduced a team-wide code review checklist, improving code quality, reducing production bugs by 15% and eliminating manual deployment overhead
- Architected scalable and maintainable solutions for multiple projects
- Developed a Generative AI tool designed for law firms, leveraging LLMs and RAG, increasing customers performance by 300%
- Designed and implemented secure HTTP authentication workflows in Rust
- Led a team of 3 developers to architect and ship a decentralized application (dApp) within 3 months and a cryptographically secure Wallet-as-a-Service API in Rust, reporting directly to the CEO
- Used Grafana dashboards, GCP logs and flamegraph analysis to monitor logs and optimize critical API endpoints
- Delivered 10+ static Next.js/React/Typescript/Tailwind CSS responsive landing pages, achieving near-100 Lighthouse performance scores and increasing lead capture by 15%
- Implemented unit and E2E tests across projects, reducing bugs by over 60% and ensuring stable production

Taric | 2021–2022
Full Stack Developer | 2021–2022
- Developed an electronic medical record system serving over 90 hospitals

- Implemented Java unit testing, reducing deployment errors by 50%
- Mentored 2 interns who were later promoted to full-time developers
- Expanded the system using Java and Vue.js for full stack development
- Contributed to the main company framework used across projects
- Delivered new features, tests, bug fixes, and code reviews consistently
- Participated in developer-led technology knowledge-sharing meetings

Programming Analyst | 2021
- Enhanced the EMR system backend using Java, Spring, and SQL for clinics
- Delivered new features and improvements to expand the healthcare platform
- Contributed to frontend development with Vue.js for seamless backend integration
- Supported the spin-off company managing the expanding EMR project
- Participated in coding, testing, and code review for EMR system features

Zitrus | 2019–2021
Programming Analyst | 2020–2021
- Developed core frontend components for the EMR system using Vue.js
- Improved usability and functionality of the EMR platform for health clinics
- Applied Java, Spring, and SQL knowledge to contribute to backend development

Web Development Intern | 2019–2020
- Accelerated integration by completing onboarding and tests within two days, beginning contribution to company projects within the first week
- Engineered the MVP frontend for a critical EMR system, collaborating on core feature implementation
- Demonstrated initiative leading to a full-time Programming Analyst offer

Dalmark | 2019
Web Development Intern
- Implemented geolocation API features to verify employee proximity for clocking purposes
- Developed a full-stack employee clock-in/out web application, implementing geolocation validation

PROJECTS

Personal Portfolio Website
Designed and developed an open source personal portfolio website using Next.js, Typescript, React, and Tailwind CSS

EDUCATION

Universidade do Estado de Santa Catarina, Joinville, SC, Brazil | 2020
Bachelor of Science in Computer Science

CERTIFICATIONS

Preparing for Google Professional Cloud Architect Certification (GCP, In Progress), Multiple Google Cloud Digital Badges (GCP)