Diego Siena Francisco

Roles

- **Senior Software Engineer**
- **Full Stack Developer**
- **Tech lead**

Contact

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🌐 **diegosiena.com**

🐙 **github.com/diegosiena**

Interests

🧠 **Neuroscience**

✈️ **Aviation & flight simulation**

📚 **Books**

Languages

🇧🇷 **Portuguese**

🇬🇧 **English**

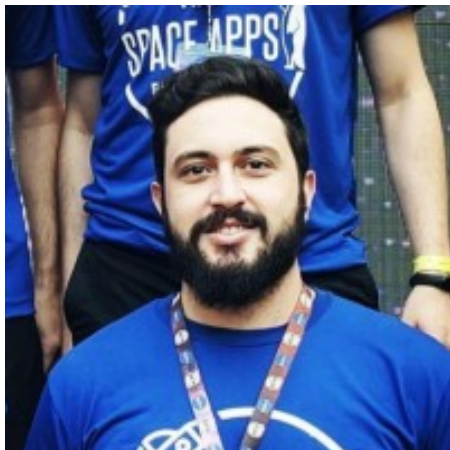## About

Passionate software engineer with over a decade of experience, specializing in full-stack development, cloud solutions, and game development. I started coding at 16 in 2010, and since then, I've built a diverse career working across industries, including fintech, healthcare, IoT, ERP systems, and gaming.

I have led teams, architected scalable applications, and developed solutions from scratch for startups and established companies alike. My expertise spans modern web technologies like Node.js, TypeScript, Vue.js, and Svelte, as well as mobile, IoT, and game development using Unity and C#. I have experience in cloud infrastructure, working with AWS and Azure, and integrating CMS solutions like Strapi.

Work experience

Software Engineer @ BairesDev

Mar 2022 - Present

As a Software Engineer at BairesDev, I design and develop scalable and high-performance solutions for clients, helping them optimize their digital platforms and business processes. Working with a variety of industries, I focus on delivering efficient, maintainable, and modern applications.

Key Responsibilities:

- Develop and maintain web applications using Node.js, TypeScript, Svelte, and SvelteKit.
- Integrate Contentful CMS for dynamic and structured content management.
- Build serverless architectures using AWS Lambda, DynamoDB, and other cloud services.
- Deploy and manage applications on Heroku and AWS.
- Ensure high-quality UI/UX with HTML, CSS, and modern front-end frameworks and practices.

Through these projects, I have contributed to improving performance, scalability, and user experience for various clients, delivering high-quality software aligned with business needs.

Tech Stack: Web Development, Svelte, TypeScript, AWS Lambda Functions, Contentful CMS, Node.js.

Tech Lead @ Cuida.Life

Oct 2020 - Mar 2022 · 1 yr 6 mos

Led the development of an e-commerce platform and a health management system from scratch. Defined the technical architecture, managed cloud infrastructure, and implemented Strapi CMS with MongoDB. Developed payment integrations and ensured platform scalability. Managed and mentored the tech team while contributing to strategic decisions alongside executives and investors.

Tech Stack: Node.js, TypeScript, Vue.js, Nuxt.js, Tailwind CSS, Strapi CMS, AWS, MongoDB.

Full Stack Engineer @ Kzas.ai

Aug 2019 - Oct 2020 · 1 yr 3 mos

Developed a real estate platform for property search, financing, and credit solutions. Built web applications using Vue.js, Nuxt.js, and Laravel, integrating MySQL for data management. Focused on performance optimization and seamless user experience.

Tech Stack: Vue.js, Nuxt.js, JavaScript, PHP, Laravel, MySQL, HTML, CSS.

Full Stack Developer @ WHF Design Company

Feb 2019 - Jul 2019 · 6 mos

WHF is a service design company focused on digital solutions. As a Full Stack Developer, I played a key role in building a corporate website for one of Brazil's largest healthcare providers, using Nuxt.js and Strapi CMS for content management. Additionally, I developed a component library in close collaboration with the design team to ensure UI consistency and scalability.

Tech Stack: Nuxt.js, Vue.js, Node.js, Strapi CMS, MongoDB, Azure Services, HTML, CSS.

Web & IoT Developer @ Grupo Criar

Jul 2014 - Feb 2019 · 4 yrs 8 mos

Developed IoT systems for monitoring, reading, and writing sensor data from remote devices connected to the internet, using Raspberry Pi, Python, and C. Designed and implemented web systems and APIs for device monitoring, utilizing PHP, Python, and Vue.js, with MySQL as the database.

Built mobile applications for API interactions using Cordova and Ionic. Managed and monitored on-premise servers, ensuring infrastructure stability with Linux and Shell Script.

Tech Stack: Python, C, Shell Script, PHP, Vue.js, MySQL, Linux, Ionic.

Education

Bachelor of Information Systems

Centro Universitário Claretiano

2013 - 2016

A program focused on software development, databases, networks, cybersecurity, and cloud computing. Combines technical and business knowledge, preparing professionals to design and manage IT solutions aligned with organizational needs.

Machine Learning Analyst Bootcamp

IGTI

2020 - 2020

Data Science Bootcamp

Alura

2020 - 2021