

Sidney Campos

Senior Software Engineer | Full Stack Developer

✉ sidneycampos0715@gmail.com | ☎ +55 15 98135-5146

🏠 **Address:** Street 1- 569 Iguatama Minas Gerais Brazil

🌐 LinkedIn <https://www.linkedin.com/in/sidney-campos-5b96b2368/>

Professional Summary

Senior Software Engineer with **11+ years of experience** in Backend and full-stack development, specializing in building **scalable, high-performance applications**. Proficient in **Node.js, Python, Java, .NET and React.js, Next.js**, with a deep understanding of cloud infrastructure (**AWS, Azure, Docker, Kubernetes**) and CI/CD pipelines. Expertise in **RESTful, SOAP and GraphQL API development, microservices architecture**, and system optimization. Proven leader in delivering **secure, maintainable code** that drives business value and performance.

Technical Skills

- **Languages:** JavaScript, Java, Python, PHP, Ruby, C#, TypeScript, HTML, CSS
 - **Frameworks & Libraries:** Node.js(Express.js, Nest.js), Spring (Boot), Django, Flask, Ruby on Rails, ASP.NET Core, React.js (Redux, Hooks), Next.js, Angular, Vue.js, Nuxt.js,
 - **Databases & Data Processing:** MySQL, PostgreSQL, MongoDB, DynamoDB, Oracle, GraphQL, ETL processes
 - **Cloud & DevOps:** AWS, Azure, GCP, Docker, Kubernetes, Jenkins, Elastic Stack, Ansible, Git
 - **API Development:** RESTful, SOAP
 - **Testing:** Jest, JUnit, Cypress, Mocha
 - **UI & Styling:** SASS, LESS, Tailwind CSS, Responsive Design
 - **Architecture & Methodologies:** Microservices, Event-Driven, API-first design, Agile, Scrum, Kanban, Test-driven development(TDD)
 - **eCommerce Platforms:** WordPress, Shopify, Joomla, Drupal
-

Experience

Senior Software Engineer | Full Stack Developer

Metal Toad — (São Paulo, Brazil) Remote | *May 2021 – Present*

- Led development of scalable **RESTful APIs** using **Node.js** integrated with modern frontend technologies like **React.js, Angular(Typescript)**, resulting in a 40% reduction in page load times.
- Designed and integrated enterprise-grade **RESTful APIs** using **Java (Spring Boot)** for seamless third-party integrations with services like **Stripe** and **PayPal**, increasing data retrieval efficiency by 30%.
- Created **Java-based microservices (Spring Boot)**, handling **10,000+ concurrent users** with zero downtime, boosting system efficiency by **20%**.
- Implemented Jest and React Testing Library unit/integration tests for key features, achieving 90%+ test coverage and reducing regression bugs by 60%.

- Developed type-safe modules in **Angular** and **Nest.js** for a SaaS platform that serves **5,000+ users**, improving maintainability and team collaboration.
- Engineered reusable UI components with **HTML5**, **CSS3**, and **TSS**, aligned with accessibility and performance best practices (**WCAG 2.1**).

Senior Software Engineer | Full Stack Developer

CAPGEMINI — São Paulo, Brazil | *September 2018 – April 2021*

- Architected and developed robust backend systems using **Python** for AI-powered chatbots, reducing response times by 3.2 seconds and boosting user engagement by 45%.
- Improved system performance by **30%** through advanced **debugging and optimization** techniques.
- Designed and delivered **5+ high-performance applications** with modern stacks (**React.js**, **Python**, **Spring Boot**, **Node.js**), increasing **user engagement by 35%**.
- Crafted **15+ APIs (RESTful & Soap)**, improving data interaction speed by **40%** and reducing server load by **25%**.
- Orchestrated **Docker & Kubernetes deployments**, ensuring **99.9% uptime** and reducing deployment cycles by **30%** across **AWS & Azure**.
- Directed technical teams to deliver secure, scalable **SaaS** applications hosted on **AWS**, supporting 5,000+ users with zero critical system failures.
- Architected and implemented **microservices** using **Docker**, improving scalability by 35% and reducing deployment time by 50%.
- Developed robust backends using **Java**, and **ASP.NET**, integrated with **React.js** and **Angular(Typescript)** frontends, reducing average transaction processing time by 20%.
- Increased user satisfaction by **50%** through innovative features using **Vue.js**, **Django**, **Flask** and **PostgreSQL**.
- Devised **cross-platform mobile apps** (React Native, Flutter, backend services in Node.js, Laravel), increasing retention by **40%**.
- Streamlined **CI/CD pipelines (Jenkins)**, cutting integration errors by **50%** and accelerating release cycles by **30%**.

Software Engineer

I CONCEPT DIGITAL — Singapore | *June 2015 – May 2018*

- Constructed API-driven solutions using **Java** and **Python**, integrating **SQL Server** and **PostgreSQL**, reducing **API** response times by 40%.
- Engineered scalable applications in **AWS**, optimizing security protocols, which reduced security-related incidents by 25%.
- Implemented Dockerized environments, ensuring a consistent development experience and reducing deployment errors by 15%.
- Collaborated on **React.js** and **Node.js/Python(Django, Flask)** feature development, enhancing core products.
- Delivered **25+ projects** with **Angular(Typescript)**, **C#**, and **MySQL**, improving processes by **15%** and reducing time-to-market by **20%**.
- Designed an **AWS-based inventory system**, cutting inventory costs by **30%** and speeding up orders by **40%**.
- Embedded **10+ third-party services**, increasing client satisfaction by **20%**.
- Redesigned **5+ applications' UI/UX**, boosting engagement by **60%**, reducing drop-offs by **15%**.
- Conducted **code reviews**, improving code quality by **50%**, fostering collaborative environments.

Junior Software Engineer

Suffescom Solutions Inc — Singapore | *June 2013 – May 2015*

- Built and managed 10+ RESTful APIs using **Node.js(Express.js, Nest.js)** and **ASP.NET**.
- Contributed to the development of **Java** and **Spring Boot** web applications, enhancing system stability and reducing bug reports by 25%.

- Worked with **SQL Server** and **PostgreSQL**, optimizing queries for performance, resulting in a 20% reduction in database load times.
 - Developed a data analytics platform with **Django** and **MongoDB**, achieving 50% faster processing times.
 - Formulated **eCommerce solutions (WordPress, Shopify)**, improving customer engagement by **15%**.
 - Built **5 responsive web pages (HTML, CSS, JavaScript)**, improving SEO and reducing load times by **20%**.
 - Developed **Python data analysis tool**, cutting processing time by **15%**.
 - Configured **unit testing with Jest**, achieving **70% code coverage** and boosting software quality.
-

Education

Bachelor's Degree in Computer Science

Nanyang Technological University, Singapore | *Graduated 2013*

Key Projects

- **AI Chatbot System (Python):** Led the development of an AI-driven chatbot using **Python**, deploying NLP libraries to achieve faster response times and elevate user engagement significantly.
- **Enterprise RESTful API Integration (Java):** Designed and deployed a suite of RESTful APIs with **Java** (Spring Boot) that streamlined integration with payment gateways and third-party services, resulting in a 30% improvement in data retrieval efficiencies.