

# Jonas Cassiano dos Santos

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With over 8 years of experience in software development and IT, I have dedicated 6 years to web development, specializing in React / Next.JS, Node.js, Vue, ASP.NET Core, and Python. My broad skill set across the development lifecycle, including DevOps experience, is one of my key strengths.

## Technologies and Languages

- Languages: TypeScript, JavaScript, Python, HTML5 / CSS3, SQL, C#
- Frameworks/Libraries: React, Next.js, Python, Vue, Angular, .NET Core, LangGraph, Zustand, Redux, Tailwind
- Databases: DynamoDB, MSSQL, PostgreSQL, Redis, ElasticSearch, SAP Hana, Firebase
- Technologies: AWS Lambda, Node.js, AWS, Azure, Docker, Git, GitHub Enterprise, Bitbucket, SCSS, Cypress, Figma, GitHub Actions, Azure DevOps
- Other: REST, GraphQL, Architecture, API Design, CI/CD, Agile, DevOps, Integration & E2E Tests, Serverless, SPA, OOP, MVC, SCRUM, UI/UX, SEO, A/B Testing, Analytics

## Work Experience

### Brim | Custom AI Solutions

Jul 2024 – Present

Founding Senior Full Stack Engineer

London, United Kingdom · Remote

*Custom AI agents designed to automate routine, time-consuming tasks, allowing teams to focus on high-impact work.*

- Played a key role in designing and implementing Brim's AI platform using React/Next.js with Tailwind for the frontend, Python with LangGraph for Generative AI, and TypeScript-based serverless GraphQL API for the backend, all deployed within a secure VPC network.
- Engineered robust CI/CD pipelines using GitHub Actions and orchestrated ECS deployments on AWS, managing custom domains, SSL certificates, and ensuring seamless, scalable application delivery.
- Configured databases for robust performance, including designing GraphQL schemas for the API, and integrating PostgreSQL and Redis to handle AI memory, threads, and complex data workflows.
- Served as Scrum Master by creating and delegating tasks on JIRA to ensure smooth project progress sprints and team collaboration.
- Mentored junior engineer on modern development practices, cloud infrastructure, and DevOps.

**Tags:** React, Next.js, Python, Generative AI, LangGraph, TypeScript, JavaScript, Node.JS, HTML5 / CSS3, Tailwind, Serverless, Zustand, GraphQL, Postgres, Redis, AWS Lambda, AWS Services, Docker, DevOps, JIRA, Leadership.

### FreshConstruct - That's The Ticket

Mar 2023 – Jul 2024

Mid-level Full Stack Developer

London, United Kingdom · Remote

*Television audience coordination software utilized by over 115K users across Australia.*

- Orchestrated the UI refactoring using Material UI (MUI) custom theming, React, and Next.js.
- Introduced Storybook to the project, enhancing component documentation, team collaboration, and long-term maintainability. Created 32 component stories.
- Played a key role in the go-live process and Azure scaling planning to handle user spikes during releases.
- Coached 2 apprentices on design, architecture, and project deliverables.

**Tags:** React, Next.js, TypeScript, JavaScript, HTML5 / CSS3, Material UI (MUI), Storybook, ASP.NET Core, EF, MSSQL, Cypress, Mailgun, Twilio, Azure DevOps, REST, SPA

### FreshConstruct - McArthurGlen Designer Outlets

Jul 2023 – Oct 2023

Mid-level Full Stack Developer

London, United Kingdom · Remote

*Europe's leader in designer outlet shopping, with 25 locations in 8 countries.*

- Released multiple updates to over 100K users for their React Native app on Google Play and App Store.
- Implemented 24+ features and bug fixes, including a critical iOS app crash solution.
- Published a series of application builds for the QA team using Expo Application Services (EAS).

- Enhanced user behavior tracking by integrating the app with Google Analytics and Firebase Analytics.

**Tags:** React Native, Angular, TypeScript, JavaScript, Expo, ASP.NET Core, Umbraco, MSSQL, Offline-first, REST.

## SAP

DevOps Engineer

**Feb 2022 – Jun 2023**

Budapest, Hungary · Full-time

- Led an internal server file transfer project that saved the company over \$27,000 per year in Azure infrastructure costs. The script was used in 60+ Distributed Centers (DC) around the world.
- Implemented a unified maintenance webpage used by all SAP SuccessFactors modules globally.
- Maintained average service availability of the SAP Learning Management System above 99.6%.
- Mentored an intern on our tools and helped him gain practical experience in DevOps methodologies.

**Tags:** Bash, Azure, HTML5/CSS3, JavaScript, Ruby, Jenkins, Zabbix, Splunk, SAP HANA, Microservices, Linux

## SAP

Software Developer - Vocational Training Program

**Aug 2021 – Jan 2022**

Budapest, Hungary · Internship

- Implemented an internal app to track the company's car fleet fuel consumption and quotas.
- Coached teammates on JavaScript and web development topics.

**Tags:** Fiori, SAPUI5, JavaScript, JAVA, OData, HTML5/CSS3

## SAP

DevOps - Vocational Training Program

**Aug 2020 – Jul 2021**

Budapest, Hungary · Internship

- Ensured the servers performed well after software updates by executing load tests using HP LoadRunner.
- Executed Jenkins automation jobs in 60+ Distributed Centers (DC).
- Handled internal and external ticket/incident resolution, server diagnostics, monitoring, and maintenance.

**Tags:** Azure, Jenkins, Zabbix, Splunk, Grafana, SAP HANA, DevOps

## Butopea.com | Furniture E-commerce

Front-End / UX Developer

**Jun 2020 – Jan 2022**

Budapest, Hungary · Contractor

- Improved website performance by profiling, identifying bottlenecks, and implementing various optimization techniques. This reduced server costs and enhanced the customer experience by decreasing page load times.
- Increased the Checkout Conversion Rate by redesigning and implementing a new checkout UI and UX flow following modern and proven best practices, using Figma and Vue.js.
- Implemented a social media feed containing posts fetched from the company's Instagram profile and WordPress blog, using Facebook Graph API, Elasticsearch, and Node.js.
- Conducted A/B Tests with advanced page redirecting using Google Optimize and Cloudflare workers and rules. Also, I implemented a Node.js application to fetch and store all website pages into Cloudflare KV.

**Tags:** TypeScript, JavaScript, Node.js, Vue.js, GraphQL, Docker, Webpack, MySQL, Redis, Elasticsearch, Cypress, SPA, Performance Optimization, A/B Testing, Analytics, UI/UX, Figma, Cross-Browser Compatibility, Sentry.

## Projects

- **Indoor Positioning Systems using WiFi Networks** - The system utilizes WiFi network signals to create a machine-learning model that tracks a device within a building, determining its location based on signal strength.

**Tags:** VueJS, JavaScript, Python, FastAPI, C, CSS3, HTML5, NodeMCU, Azure, Docker, CI/CD, Firebase

## Education and Certifications

- **B.Sc. Electrical Engineering**, Óbuda University, Hungary. **2020 – 2023**
- **Electrical Engineering**, University of Debrecen, Hungary. **2019 – 2020**
- **Computer Engineering**, Vale do São Francisco Federal University, Brazil **2016 – 2019**
- **Microsoft AZ-104: Azure Administrator Training**, SAP & Brainymotion **2022**
- **Microsoft Technology Associate - Networking Fundamentals 98-366**, Microsoft **2019**