

Isaias Francisco dos Santos

SENIOR SOFTWARE DEVELOPER | TYPESCRIPT, REACT, NODE.JS & AWS

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PROFESSIONAL SUMMARY

Senior Software Developer with 10+ years of experience delivering web, cloud, commerce, ERP, and customer-facing platforms. Hands-on expertise across frontend applications, backend services, APIs, event-driven workloads, micro-frontends, and third-party integrations using TypeScript, Node.js, React, Next.js, GraphQL, REST, AWS, and PostgreSQL. Combines strong implementation skills with technical leadership, code review, mentoring, system design, and production support. Delivered subscription capabilities that contributed to a 12% increase in recurring revenue and caching patterns that materially reduced external API traffic.

CORE TECHNICAL STRENGTHS

Full-Stack Development: TypeScript, JavaScript, Node.js, React, Next.js, Redux, GraphQL, REST APIs, Express, Apollo, PostgreSQL, DynamoDB, and responsive web applications.

Cloud & Backend: AWS Lambda, API Gateway, SQS, EventBridge, Cognito, RDS, DynamoDB, CloudFront, serverless services, event-driven workflows, caching, and asynchronous processing.

Commerce & Integrations: Commercetools, Shopify storefront integrations, Contentful, Bold Checkout, payments, Salesforce, Algolia, Mindbody, RepairQ, Creatio, and webhooks.

Engineering Practices: Automated testing, Jest, React Testing Library, CI/CD, code review, debugging, performance optimization, observability, monorepos, mentoring, and production support.

PROFESSIONAL EXPERIENCE

Solution Architect | Outliant

Oct 2025 - Present

Remote

Technology: AWS, React, Next.js, TypeScript, Node.js, Lambda, API Gateway, DynamoDB, CloudFront, Amplify, Webflow, Mindbody, RepairQ, Creatio

- Design and deliver customer-facing applications and integration services across booking, checkout, payments, customer profiles, claims, CMS, analytics, and lead-management workflows.
- Build and guide implementation of AWS-based serverless services and APIs using TypeScript, Node.js, Lambda, API Gateway, DynamoDB, and external platform integrations.
- Define API contracts, data flows, error-handling behavior, caching strategies, deployment requirements, and observability expectations in collaboration with frontend and backend engineers.
- Designed multi-layer caching and asynchronous refresh patterns that materially reduced third-party API traffic while improving application performance and resilience.
- Review code, troubleshoot production issues, document root causes, and coordinate remediation across product, design, QA, delivery, and engineering teams.

Full-Stack Engineer - Commerce Architecture | Bold Commerce

Apr 2025 - Sep 2025

Winnipeg, Canada / Remote

Technology: Commercetools, Shopify, Bold Checkout, Node.js, TypeScript, payments, automated testing, CI/CD

- Served as the Commercetools and Node.js specialist for the Bold Checkout team, developing enterprise checkout and payment integrations.
- Designed and implemented the Bold Checkout integration with Commercetools, including API behavior, checkout lifecycle handling, data mapping, failure scenarios, and client-specific extension points.
- Supported Shopify-based storefronts integrated with Bold Checkout, collaborating on checkout behavior, payment workflows, error handling, and external commerce services.
- Worked with clients and platform teams to investigate integration issues, clarify technical constraints, and deliver maintainable solutions without compromising platform stability.
- Improved release confidence through automated testing, code and design reviews, and collaboration on CI/CD and deployment strategies.

Senior Software Development Engineer | Everest Systems

Nov 2022 - Apr 2025

Remote

Technology: AWS Lambda, SQS, EventBridge, Cognito, RDS, PostgreSQL, React, Redux, Node.js, TypeScript

- Developed full-stack capabilities for a highly configurable ERP platform using React, Redux, TypeScript, Node.js, PostgreSQL, and AWS services.
- Built serverless and event-driven workflows with Lambda, SQS, EventBridge, Cognito, and RDS to support authentication, persistence, and distributed business processes.
- Translated complex ERP rules into modular frontend components and backend services while preserving configurability, usability, performance, and maintainability.
- Created reusable engineering patterns and standards for service design, code organization, testing, reliability, and long-term platform evolution.

- Introduced AI-assisted development tools for code scaffolding, test generation, refactoring, debugging, documentation, and technical research while retaining code review and automated validation.
- Led code reviews, mentored engineers, supported onboarding, investigated production issues, and contributed to technical decisions across the platform.

ISAÍAS FRANCISCO DOS SANTOS | SENIOR SOFTWARE DEVELOPER

PROFESSIONAL EXPERIENCE - CONTINUED

Software Engineer / Technical Lead | Valtech

Apr 2021 - Nov 2022

Remote

Technology: Nx, Next.js, React, GraphQL, Node.js, GCP/GKE, Azure Functions, Algolia, Salesforce, Commercetools, Contentful

PetSmart - Senior Full-Stack Engineer

- Led development in an Nx monorepo supporting multiple Next.js micro-frontends, shared libraries, GraphQL integrations, and backend services deployed to GKE.
- Built reusable frontend and backend capabilities for a MACH-aligned commerce platform using React, Next.js, Node.js, Commercetools, and Contentful.
- Contributed to testing, developer tooling, code review, performance improvements, and implementation decisions across distributed engineering teams.

ISC2 - Senior Full-Stack Engineer

- Built a GraphQL and microservices backend from the ground up, improving modularity, extensibility, and separation of concerns.
- Implemented Azure serverless integrations with Algolia, Salesforce, and Commercetools and documented the solution for internal engineers.

Full-Stack Developer | Object Edge Inc.

Mar 2020 - Apr 2021

Walnut Creek, CA / Remote

Technology: Commercetools, Contentful, Node.js, GraphQL, React, Next.js, Vue.js, AWS, GCP

- Developed headless commerce applications for enterprise clients using Commercetools, Contentful, GraphQL, Node.js, React, Next.js, and Vue.js.
- **Nuts.com:** Led subscription capabilities that contributed to a 12% increase in recurring revenue and supported migration from PHP to Vue.js and Node.js.
- **Zenni Optical:** Led backend microservices for Cart, Login, and Order History and developed a product-configuration engine for customized eyewear.
- Implemented event-driven automation with AWS Lambda and EventBridge for transactional and operational workflows.

EARLIER EXPERIENCE

Frontend Developer | HappyBiz Tecnologia e Sistemas | 2017 - 2020 - Built web and mobile applications using React, React Native, TypeScript, AWS, and modern UI/UX practices.

Frontend Developer / Designer | Fontoura Hot | 2009 - 2017 - Delivered websites and digital experiences using JavaScript, WordPress, HTML, CSS, responsive design, and UX principles.

Designer | APR Designers | 2008 - 2009 - Created visual communication, branding, and digital design assets.

TECHNICAL EXPERTISE

Languages & Frontend: TypeScript, JavaScript, React, Next.js, Redux, React Native, Vue.js, HTML, CSS, responsive design, and micro-frontends.

Backend & Data: Node.js, GraphQL, REST, Express, Apollo, PostgreSQL, DynamoDB, APIs, webhooks, microservices, and event-driven systems.

Cloud & DevOps: AWS Lambda, API Gateway, SQS, EventBridge, Cognito, RDS, DynamoDB, CloudFront, CloudWatch, Amplify, S3, Docker, Kubernetes, GCP, GKE, Azure Functions, and CI/CD.

Quality & Delivery: Jest, React Testing Library, automated testing, code review, debugging, observability, performance optimization, incident analysis, mentoring, and AI-assisted development.

Commerce & Platforms: Commercetools, Shopify integrations, Contentful, Webflow, Bold Checkout, Mindbody, RepairQ, Creatio, Salesforce, Algolia, Stripe, Braintree, GA4, and GTM.

CERTIFICATIONS, EDUCATION & LANGUAGES

Certification: Commercetools JavaScript Developer Certification.

FATEC Carapicuíba | 2015 - 2018: Digital Game Development / Computer Systems Technology.

UNINOVE | 2009 - 2012: Technology Degree in Internet Systems.

ETEC Carapicuíba | 2006 - 2009: Technical Degree in Graphic Design / Visual Communication.

Languages: Portuguese - Native | English - Full Professional Proficiency.