

Jonathan Sanchez

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Chief Technology Officer (CTO) and Application Architect

EXPERIENCE

Vulcan Squad & Hemp Temps / CTO & Application Architect

Hybrid - December 2023 - Present

Architected and led a team for the development of scalable applications using TypeScript, React, and Node.js, ensuring robust and efficient solutions for various business needs.

- Designed and implemented CI/CD pipelines using Google Cloud Platform (GCP) and AWS, streamlining deployment processes and enhancing application reliability.
- Managed and optimized backend services and APIs deployed on AWS, focusing on performance improvements and cost-efficiency.
- Integrated Authorize.net payment solutions into applications, ensuring secure and seamless transaction processing for users.
- Oversaw the end-to-end development lifecycle, including requirements gathering, design, development, testing, and deployment.
- Lead collaboration with cross-functional teams to define and execute technical strategies, aligning them with business objectives and ensuring project success.
- Provided mentorship and guidance to development teams, fostering best practices in code quality, architecture design, and agile methodologies.
- Conducted regular code reviews and audits to maintain high standards of software quality and adherence to best practices

City Furniture / Senior Software Engineer

Remote - MARCH 2021 - December 2023

Developed and optimized e-commerce web applications and API microservices, implemented and supported AKENEO PIM solutions, and served as an SME while training new developers and documenting system architectures and solutions.

- Developed new features and solutions for e-commerce web applications using Next.js (React with TypeScript).
- Built, fixed, and optimized TypeScript (Node.js) API microservices, deploying them in AWS with Jenkins CI/CD pipelines and comprehensive unit tests.
- Served as the Subject Matter Expert (SME) for several internal applications managed within private NPM packages.
- Implemented and supported AKENEO Product Information Management (PIM) solutions to streamline product data management and enhance e-commerce functionalities.
- Trained and onboarded new developers to all systems and workflows, ensuring seamless integration and productivity.
- Documented system solutions and architecture diagrams

Portfolio: jonathansanchez.dev
github.com/jonathans199
stackoverflow.com/users/8698679/
jonathan-sanchez

< SOFTWARE SKILLS >

Typescript, Javascript, React.js, React Native, Node.js, Next.js

< AWS CERTIFICATIONS >

AWS Developer Associate
AWS Certified Practitioner

< DATABASES >

Mongo, MySQL, PostgreSQL, DynamoDb, RDS, RealTime DBs, VectorDBs

< DEV OPS >

AWS Services (EC2, S3, Cognito, SNS, SES, Lambda, RDS, CloudFront, Route53, DynamoDb, Batch, CloudFormation)
GCP (App Engine, CloudBuild, CloudRun, Firebase, RealTime DB, Firestore)
Azure, Serverless Framework, Linux, Docker, CI/CD, AppEngine, CloudFlare, Bash, Expo

< UX / UI & TESTING >

TailWind CSS, CSS 3 (BEM, SASS/SCSS) HTML, PrimeReact, Bootstrap, MUI, Jest, Mocha/chai

< PROJECTS (selected) >

- Hemp Temps App - MERN / GCP
- Hydropallet App - MERN / GCP
- SpeakerPal - MERN / Firebase
- Sea Turtle Ops - Next js
- D.Bentoby Sales App - MERN / AWS
- ICP Miami & Mexico - MERN / Next.js
- Marinera en el Mundo - Next js
- BocaCode Intranet - Next.js

Boca Code / FullStack Software Engineer & Lead Instructor

Boca Raton FL - NOVEMBER 2020 - 2022

Led as Senior Lead Engineer and Instructor for client web and mobile application projects

- Architect and design infrastructure of Full Stack Applications
- Build and release mobile apps for client projects on React Native
- In person / online lead instructor for over 12 cohorts and taught over 100 students

Legacy Research Group / FullStack & Mobile Software Engineer

Remote - 2018 - 2021

Develop and support Financial Web Applications in React.js, Vue, APIs in Node.js with Serverless for AWS Lambda cloud Functions. MERN stack.

Carnival Cruise Lines / SME & Intranet Administrator

ICP Miami & Mexico / CTO & Co-owner

AirParts Miami / CTO & Co-owner

Tira.D.Toss Restaurant / CTO & Co-owner

LEADERSHIP

DevDive Peer Group / South Florida Tech Hub - Chair - present

DevCon / Presenter & speaker - present

South Florida Tech Hub / Hackathon Judge & Organizer - present

South Florida Tech Hub / Golden Palm Gala Volunteer - present

Code Art / coach - present

Sea Turtle Ops / Software Engineer Volunteer - until 2023

FloridaJs / ex-organizer - until 2023

Bundle IQ / Interim CTO - until 2023

Christ Fellowship Mia / Software Engineer Volunteer - until 2018

Calvary Chapel Church / Software Engineer Volunteer - until 2010

HDI South Florida / Software Engineer Volunteer - until 2008

EDUCATION

Wyncode / Full-Stack Developer 2017

Wynwood, FL

UX/UI design & development, Ruby on Rails, React & Agile methodology

FIU (Florida International University) — BS. MIS
(Management Information Systems)

Miami, FL - With Project Management Certification

MDC (Miami Dade Community College) — AA. MIS
(Management Information Systems)

Miami, FL

NEW HORIZONS — MCSA (Microsoft Certified Systems Admin)

Miami, FL - Comptia A+, N+, MCP (Microsoft Certified Professional) MS Office Master

- GPT Restaurant review - Next.js

- GPT Explain this code - Next.js

- GPT Generate image - Next.js

< **MOBILE APPS** (selected) >

- Walky - MERN / GCP / React Native

- Pedals App - React Native

- Magic City Soccer - React Native

- D.BenToby - React Native

- Imagynate - React Native

- Inner Circle - Vue

- Ways - Vue

- Palm Beach Confidential - Vue

- Jeff Clark - Vue

- Casey Research - Vue

< **IT CERTIFICATIONS** >

MCSA, MCP, A+, N+, ITIL,

Microsoft Office Master

< **NPM CONTRIBUTIONS** >

React Native Image Gallery Swiper

- 24 + weekly downloads

< **PROJECT MANAGEMENT** >

Jira, Asana, ClickUp, Birst BI,

Tableau BI

< **PUBLICATIONS** >

jonathans199.medium.com

- [How to deploy Node Express API to an AWS EC2 Ubuntu instance](#)

- [Deploy React App to AWS — S3 bucket with CI/CD](#)

- [How to hash password in React App, before sending it to the API](#)

Additional projects and repos

available upon request