

ANDRÉ VITAL

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SUMMARY

Senior full-stack software engineer with 9+ years shipping web products. Frontend-leaning (TypeScript, React, Next.js, React Native, design systems) with solid backend depth (Node.js, Nest.js, GraphQL, PostgreSQL, Golang, AWS), comfortable owning architecture and working directly with designers.

EXPERIENCE

Metalab

Sr. Software Engineer

Victoria, BC (Remote)

October 2024 – Present

- Delivered full-stack products for agency clients across digital health, consumer social, B2B SaaS and AI education, leveraging **TypeScript**, **Next.js**, **React**, **React Native** and **PostgreSQL**.
- Led front-end and **design-system** development on a B2B sales-execution platform, publishing shared component library releases and ensuring design fidelity through **Figma**-parity audits.
- Built exploratory navigation interfaces for an AI education product with **React Three Fiber** and **WebGL**, carrying them from prototype to shipped feature.

Originate Inc.

Sr. Software Engineer

Los Angeles, CA (Remote)

December 2023 – September 2024

- Spearheaded the development and implementation of advanced software solutions, leveraging cutting-edge technologies such as **Next.js**, **Golang** and **TypeScript** to enhance product functionality and user experience.
- Played a pivotal role in the **architectural design** and review process, ensuring scalable and robust system infrastructure across multiple projects.
- Enhanced system security and efficiency by integrating best practices in code quality, including **continuous integration (CI)** and **continuous deployment (CD)** pipelines.

Flip

Lead Engineer

San Francisco, CA (Remote)

January 2023 – July 2023

- Developed, designed, and tested a comprehensive data-oriented platform with the use of **React**, **Nest.js**, **GraphQL**, **MySQL** and **AWS Cognito**.
- Led migration from a pre-existing **React** < v16.8 codebase over to functional components & **Typescript**.
- Architected a **Nest.js** backend in order to serve as a communication point with the **AWS Cognito** service & **MySQL** database.

Originate Inc.

Software Engineer / Lead Front-End Engineer

Los Angeles, CA (Remote)

June 2021 – October 2022

- Developed, designed, and tested packaged software products, with the use of tools like **Next.js**, **Nest.js**, **GraphQL**, **PostgreSQL** and multiple **AWS services**.
- Interfaced with UX/UI designers and other developers to build new interfaces and ensure the achievement of desired user interaction with overall applications via tools like **Figma** or **Adobe XD**.
- Contributed to the architecture of projects which involved third party APIs consumption and event queueing / reaction, mainly with the use of diverse **AWS services** such as **EC2**, **S3**, **SQS**, **Lambda** or **Event Bridge**.

QuinTech México

Full Stack Developer / Engineering Lead

Aguascalientes, MX

June 2020 – October 2021

- Collaborated with UX designers and developers to ensure coherent user experiences using **Sketch** and **Figma**; architected & managed high scale projects with a team of up to 5 developers.

Yellowpath Digital Branding

Full Stack Developer / Engineering Lead

Aguascalientes, MX

January 2017 – June 2020

- Built and managed highly scalable projects with diverse architectures in teams of up to 11 developers.

EDUCATION

Autonomous University of Aguascalientes

Intelligent Computing Engineering

July 2024

Aguascalientes, Mexico

LANGUAGES

Spanish: Native language

English: Full professional

German: Basic

REFERENCES

Available on request.