David Bautista

Software Engineer | Front-End Tech-Lead | Full-Stack Developer

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As a Software Engineer with over 8 years of experience in full-stack development and a proven track record of leading small, high-performing teams, I specialize in crafting high-quality, accessible user interfaces with a focus on performance optimization. My expertise in the JavaScript ecosystem, particularly with Node.js and TypeScript, is complemented by my contributions to open-source projects and my passion for AI-enhanced tooling. With a Master's in Software Engineering underway, I am a quick learner and an advocate for clean, maintainable code that powers intuitive user experiences. My work at companies like Globant and Torre.ai has honed my skills in front-end frameworks, and I'm eager to leverage this experience to contribute to any team that values innovation and collaboration.

Tailwind CSS | React (Next) | Node.js | TypeScript | CSS | SCSS | HTML | Bootstrap | Material UI | Headless UI
Full-Stack Development | Front-End Performance Optimization SEO | Responsive Design | Unit testing | CI/CD & Automation
Attention to Detail | Problem-Solving & Critical Thinking | User-Centric Product Development
Quick Adaptation | Continuous Learning | Teaching & Mentoring

- Get promoted to **Tech-Lead** in less than six months at my two most recent roles with **Torre.ai** and **Globant**, a testament to my leadership skills and technical expertise.

- Mentored aspiring developers in JavaScript, React, and Full-Stack Web development at Kodemia.mx.

- Quickly ramped up on Vue and Nuxt **in just one week** to support my team at Torre.ai behind schedule and hand-off to critical tasks, helping them to meet the project deadline smoothly.

- Being recognized for my bachelor's degree project, which involved creating a React-based data visualization tool.

PROFESSIONAL EXPERIENCE

GLOBANT
Remote, CO
Front-End Technical Lead
Aug. 2023–Present
React - Next.js, Typescript, Tailwind CSS, Headless UI, Vitest, Agile.

- Provided mentoring and support to the team engineers when doing complex problem-solving.
- Led the development of high-complexity critical features, contributing to the project's success.
- Drove project success through effective project prioritization using agile methodologies such as Kanban and sprint planning.
- Managed project priorities using agile methodologies, enhancing the UX and development efficiency.
- Crafted and delivered internal libraries to centralize shared resources as React Custom Hooks and Modularized/Atomic React components.
- Optimized custom React components leveraging frameworks such as Headless UI and Tailwind CSS.

TORRE.AI
Associate Sr. Tech-Lead

Snowplow, Typescript, Software Architecture, Libraries Design with Lerna.js, Jest, AWS.

- Drove high-quality product development from design to completion, leveraging agile methodologies and CI/CD best practices.
- Provided technical leadership and mentorship, optimizing team performance and product quality.
- Implemented and led the development process of high-quality products from design specs to completion, leveraging agile methodologies, QA processes and good practices for CI/CD.

TORRE.AI
Sr. Software Engineer

Vue - Nuxt.js, Typescript, SCSS, Material UI, Scala, AWS, Vue Test.

- Led performance optimization over important parts of the platform, reducing LCP from 22 seconds to 2 seconds, improving user experience, and enhancing overall platform performance and SEO metrics.
- Implemented end-to-end user tracking system using Snowplow JS, allowing the company to get real-time data about users behavior within the platform.

TORRE.AI
Mid-Level Software Engineer

Vue, Stripe Integration, Material UI Forking, MySQL, AWS.

- Implemented multiple critical features and enhancements, leveraging a Tyscript stack such as Nuxt.js, and Nest.js.
- Created a robust subscription management system, integrating Stripe Checkout for payment processing.

UNITED NATIONS POPULATION FUND (UNFPA)
Software Engineer and Front-End Data Analyst

React, Javascript, D3, Bootstrap, Data Visualization, Node.js, user validation.

- Developed an innovative tool from inception to implementation, to gather (using advanced crawling systems) and analyze data from social networks (using visualization tools such as D3), allowing the team to find ways to contribute to informed policy-making.
- Played a key role in an innovation team, enabling user validation processes, resulting in the development of user-friendly products, optimized user experience, and accelerated time-to-market.

UNIVERSIDAD DE LOS ANDES
Graduated Research Assistant

Django, React, CSS, D3, IBM Cloud.

- Extended undergraduate thesis research into an expansive project, providing valuable insights for urban planning,, using D3, React.js and Django Rest Framework.

VALDIVIESO CONSULTING S.A.S
Junior Software Engineer, Internship

Angular CLI, Node.js, CSS & HTML, Bootstrap.

- Developed a dynamic advertising system utilizing Node.js and Raspberry Pi systems.

EDUCATION EXPERIENCE

UNIVERSIDAD DE LOS ANDES

Bogotá, CO
Jan. 2024–Present

M.Eng. in Software Engineering (In progress)
Software Engineering, User-focused Software Design, Agile Methodologies, DevOps.

- Spearheaded digital transformation initiatives by leveraging advanced JavaScript, including Node.js and front-end frameworks like Angular and React, to create high-performance, scalable web applications.
- Led software development teams in adopting JavaScript-centric DevOps practices, enhancing efficiency through the automation of testing, deployments, and documentation using JavaScript tools and frameworks.
- Pioneered the development of full-stack JavaScript solutions, contributing to the creation of automated software production lines that utilize AI and data analytics, significantly improving software development productivity.

UNIVERSIDAD DE LOS ANDES

Bogotá, CO
Jan. 2015–Dec. 2020

B.Eng. Systems and Computing Engineering With a Focus on Software Development
Full-Stack development, Mobile UI development, Software Architecture, Functional paradigms, etc.

- Designed and developed robust systems for efficient management of residential units.
- Developed a dynamic advertising system utilizing Node.js and Raspberry Pi systems, enabling effective promotion of relevant services and products to residents, and maximizing advertising impact.

"Give me a place to stand and with a lever I will move the whole world." — **Archimedes.**