

Isaac Bello, Full Stack Developer

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LINKS

www.linkedin.com/in/isaac-bello

PROFILE

With over 5 years of experience in web and full-stack development, I am a dedicated software engineer specializing in crafting impactful user experiences and robust backend solutions.

My expertise encompasses a broad range of technologies, including Typescript, React, Java, Node.js, Vue, and Golang, enabling me to deliver innovative solutions that enhance user engagement and product performance. I am committed to continuous learning and applying my skills to tackle complex challenges. I am enthusiastic about contributing to a dynamic team where I can continue to grow professionally and make a significant impact.

SKILLS

React.js, Vuejs, NextJs, NuxtJs

Java

Nodejs, Typescript

Golang

EMPLOYMENT HISTORY

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|---------------------|--|-----------------|
| Aug 2024 — Present | Fullstack Developer , OpenEarth Foundation | California, US |
| Aug 2022 — Jul 2023 | Fullstack Developer, Teachino GMBH | Vienna, Austria |
| Nov 2020 — Aug 2022 | Fullstack Developer , Voyance | Lagos, Nigeria |

Aug 2024 — Present **Fullstack Developer , OpenEarth Foundation** California, US

- I led projects to develop tools that streamline the creation of accurate GHG emission inventories using the GPC framework.
- I maintained OpenEarth's open-source projects, making regular contributions to advance climate-related technologies.
- I built tools that leverage AI to tackle climate-related challenges.
- I led a refactoring initiative to optimize and modernize code processes at OpenEarth.

Aug 2022 — Jul 2023 **Fullstack Developer, Teachino GMBH** Vienna, Austria

- I enhanced user engagement by integrating **OpenAI**'s advanced content generation into Teachino, resulting in a more than **35%** increase in user session duration and a more than **15%** uptick in daily active users (measured with **posthog**) due to personalized teaching content for users.
- I ensured seamless frontend-backend communication by building and maintaining Teachino's **GraphQL** APIs utilizing the **NestJs** backend framework, optimizing platform performance by 40%.
- I improved course management for teachers by leading the development of Teachino's frontend utilizing **NuxtJs** (the Javascript library) and **Vue (the Javascript framework)**, leading to a more user-friendly interface for lesson planning and collaboration platforms for teachers and students.

Nov 2020 — Aug 2022 **Fullstack Developer , Voyance** Lagos, Nigeria

- I designed and engineered a comprehensive **Nextjs, Scala** and **Google Sheets APIs** based **customer support platform**, significantly enhancing customer engagement and responsiveness to issues and suggestions, contributing to a 100% improvement in our customer satisfaction metrics.
- I engineered robust **Java**-based backend systems, serving as the backbone for APIs that underpinned our data engineering platforms. This initiative streamlined operations and contributed significantly to a 45% increase in overall platform performance and reliability.
- Developed a **React.js**-based **OCR tool** using Tesseract, reducing manual entry for dataset extraction needed for training machine learning models used for improving **KYC accuracy**.
- Developed a reusable component library with **Storybook**, streamlining UI development across projects and **improving developer productivity** by 50%.
- I implemented a data processing pipeline visualization tool with **D3.js** and **React**. I also established high-performance UI virtualization for datasets exceeding one million rows. Here's a link to a [demo](#)
- Developed a Slack bot using **Golang** that notifies the marketing team about user activity on the company website, effectively identifying potential leads. This innovation led to a 65% increase in lead generation.

Mar 2020 — Oct 2020

Frontend Developer, SameDayCustom

Pittsburgh, Pennsylvania

US

- I enhanced SameDayCustom's order processing capabilities by contributing to the development of the company's vendor management system and optimizing vendor operations.
- I streamlined frontend development by creating a **monorepo**, resulting in efficient **component reuse** across multiple projects and increasing developer productivity by 70%

EDUCATION

Jan 2018 — Aug 2024

Bachelor's degree in Computer Science, University Of Lagos

Lagos