

CHRISTOPHER VUNDI

FULL-STACK SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Full-stack software developer with 6+ years of experience in a professional setting. I thrive in collaborative, distributed teams and have a passion for solving complex problems. Outside of work, I enjoy [blogging](#) and spending quality time with family.

TECHNOLOGIES

Back End	Elixir, Phoenix, PHP, Laravel, Ruby, Ruby on Rails
Front End	TypeScript, Vanilla JS, React, Vue.js, JQuery
Data Stores	MySQL, PostgreSQL, CouchDB, Redis, Cachex, ETS
DevOps	AWS, GCP, Docker

EXPERIENCE

Senior Software Engineer | [The Potential Project](#) | Trenton - New Jersey

2024 JAN – PRESENT

The Potential Project is an interactive augmented reality application focusing on the impact of violence in Trenton. I am the team lead and the sole backend developer for this community project. Below are some of the things I have done so far:

- Engaged with various stakeholders to translate project requirements into actionable technical specifications.
- Established the backend foundation in terms of code organization and setting up quality checks.
- Set up the necessary infrastructure and deployed the desktop version of the app, empowering admins to manage uploads, assign user roles, and monitor content usage.
- Developed API endpoints to support mobile client interactions.
- Developed a notification system for large uploads delegated to a background job.
- Added telemetry and observability to the application to capture various metrics and logs.
- Technologies: Elixir, Phoenix, Liveview, Vanilla JS, Google Maps API, GCP

Senior Software Engineer | [SalesRabbit](#) | Lehi - Utah

2020 OCT – 2023 SEP

SalesRabbit is the complete outside sales app. A sales enablement service and mobile CRM designed specifically for outside sales, including field sales and door-to-door sales.

- Played a key role in architecting [WebMap V1](#), a highly requested feature that enabled office managers to monitor field rep activity from the desktop browser.
- Played a pivotal role in building [Digital Contracts](#) where sales representatives no longer have to work with physical papers to finalize contracts. Digital Contracts became a significant revenue driver for SalesRabbit, contributing nearly 30% of the company's total revenue during my tenure.
- Implemented a data warehousing BigQuery pipeline for analysis, enabling tracking of critical Digital Contracts KPIs within the company.
- Migrated critical PHP-based API endpoints to Elixir using [OpenAPI Spec](#), improving system resilience and stabilizing

the troubled lead sync service. This reduced customer frustration and mitigated churn.

- Technologies: Elixir, Phoenix, Liveview, Vanilla JS, React, PHP, Laravel, Google Maps API, BigQuery

Software Engineer | [SHOWCLIX](#) | Pittsburgh, Pennsylvania

2018 APR – JUNE 2020

Showclix provides full-service event ticketing and access control solutions to professional event organizers around the world.

- Created an [exchange platform](#) allowing customers to exchange tickets autonomously, reducing call center volume by 70% and significantly decreasing manual email requests to customer care.
- Refactored our Stripe payments integration from the charges API to the Payment Intents API to ensure greater security for customers and [regulatory compliance](#) with Stripe payments.
- Created a background processes monitor, letting admin users know which background processes are running and each background process's status.
- Technologies: PHP, Symphony, Vanilla JS, React, JQuery, Nginx.

Software Developer - Elixir | [ZIPBOOKS](#) | Salt Lake City - Utah

2017 – 2018

ZipBooks is accounting software for small businesses. Some of the features that help with bookkeeping include financial reporting, core accounting, budgeting and forecasting.

- Took part in rewriting ZipBooks API from PHP/Laravel to Elixir/Phoenix. Saved on CPU costs by around 30%.
- Built out the ability to do file imports and process different financial transactions from those files. These included but not limited to calculating expenses, categorizing transactions as well as getting owners equity.
- Built reporting and invoicing features to enable businesses to do better budgeting and forecasting.
- Technologies: Elixir, Ecto, Phoenix, Ember, PHP, Laravel

Software Developer | [ANDELA](#) | Nairobi - Kenya

2015 – PRESENT

Andela extends engineering teams with the most talented software developers in Africa.

- Led a team of four when developing an onboarding progress tool for new employees, making it easier for HR to track new employee status.
- Part of the team tasked with creating an internal style guide, making sure Andela has uniform UI components across all its internal products.
- Served as a mentor to junior developers learning Laravel or trying to understand various Laravel concepts.
- Technologies: PHP, Laravel, Ruby, Ruby on Rails, CSS, Vanilla JS, BEM

PUBLICATIONS & AWARDS

MEDIUM | Building a Chuck Norris Joke App with GenServers in Elixir - Part 1 2025

- <https://medium.com/@Vickris/building-a-chuck-norris-joke-app-with-genservers-in-elixir-part-1-00d48804d0d9>

TWILIO | Create a Real-Time Polling App using Twilio Sync and Laravel PHP 2019

- <https://www.twilio.com/blog/create-real-time-polling-app-using-twilio-sync-and-laravel-php>

SEMAPHORE | Continuous Delivery of Laravel Applications to Heroku 2017

- <https://semaphoreci.com/community/tutorials/continuous-delivery-of-laravel-applications-to-heroku>

ADDITIONAL ACTIVITIES

- Gave a talk at Elixirconf Africa 2023 on [Elixir Streams](#).
- Was a volunteer at [Teencode Africa](#) teaching kids basic programming principles | Andela | Nairobi, Kenya 2017 – 2018

PROFILES

LinkedIn: <https://www.linkedin.com/in/christopher-vundi-b9256154/>

Blog: <https://sitepoint.com/author/cvundi>

Github: <https://github.com/vickriss>