BRUCE REBELLO

Software Engineer

SUMMARY

Creative, detail-oriented software engineer with a deep interest in building things that have a positive impact on the world. Proven track record of creating and implementing successful front and back-end applications. Looking to bring my skills to a tech company with global reach.

WORK EXPERIENCE

Lead Software Engineer & Founder at Commonly Odd | Toronto, Canada

January 2024 — Present

- Designed the game architecture, built REST APIs, and used WebSockets to ensure a smooth experience for the multiplayer browser trivia game.
- Implemented group voice calling using Agora's RTM and RTC, and developed a user-friendly interface with Solid.js, Tailwind, and SUID.
- Utilized Cloudflare R2 buckets for media storage, AWS SES for email, OpenAI's API and Stable Diffusion for game data and image generation, and PostgreSQL for database needs.
- Optimized performance with Redis for caching and queuing, and used Auth0 for authentication while hosting on Render.

Software Engineer at Blue Innovations Group | Pinellas Park, Florida

January 2023 — January 2024

- Spearheaded the development of the R-30 electric boat's infotainment system UI using Solid.js and enhanced functionality with Go APIs, Bash scripting, and the Electron framework.
- Fully owned the music feature development, integrating media-API and UI elements for seamless switching between Bluetooth devices and the boat's audio system, using custom scripts with Playerctl and Bluetoothctl.
- Designed critical UI components such as the instrument cluster, user settings, and music controls, focusing on usability and aesthetics.
- Engineered a log tracking system to convert CANN logs into sensor values, enabling detailed performance analysis.
- Assisted in building the company's website careers page and integrated payment processing for R-30 reservations using Stripe, PostgreSQL, Angular, and Go.

Software Engineer at 100devs | Los Angeles, California

February 2022 — December 2022

- Collaborated with a team to build modern, responsive full-stack web applications, ensuring accessibility and SEO-friendly architecture.
- Applied agile methodologies like SCRUM to manage and streamline project workflows, leading key projects such as "All My Life She Sacrificed," "Estimate Body Fat," and "Prime 59."
- Contributed to the "Music Avatars" NFT project, blending music themes with digital art.

Founder, Developer & Growth Hacker at I Lov Guitar's Inc. | Toronto, Ontario

January 2012 — Present

- Led the full lifecycle of diverse web and mobile applications, including Jersey Shore Nickname Generator, I Lov Guitars, and Susan's Corner, overseeing development, launch, and marketing.
- Managed successful e-commerce projects like Get Bruce Home, Abandon Ship, 100 Cows, and Rock Emojis, focusing on user engagement.
- Increased www.MyDogTag.com's daily conversions from 2% to over 5% in four months through targeted advertising, marketing strategies, A/B testing, and attribution modeling.

Specialist, Governing Documents at Toronto Transit Commission | Toronto, Canada

February 2014 — December 2022

- Researched, developed, and advised on complex procedures, work instructions, forms, and policies for Construction Management and Engineering teams.
- Co-led the development of ECE Group safety procedures and policies for COR certification through IHSA.
- Supported the Head of PMO in mapping project controls functions.
- Facilitated meetings with ECE stakeholders to develop process models, flow-charts, and an automated policy tracking system to identify operational gaps.

CONTACT

727.219.3395
bruce.rebello@gmail.com
GITHUB
WEBSITE
LINKEDIN
TWITTER

SKILLS

Solid.js
Go (Golang)
Angular
React
EJS
Agora
Redis
Python
Bash Scripting
Typescript
JavaScript
Linux
Node
MongoDB
PostgreSQL
OOP
Stripe
New Relic
HTML
CSS
Tailwind CSS
Bootstrap
Daisy UI
Auth0
Google Cloud
Azure
AWS
Render

EDUCATION

RYERSON UNIVERSITY
2008 - 2013
Major: Industrial Engineering, B. Eng.