

Larry Agbana

Software Engineer

👤 Profile

Software Engineer with over 4 years of experience building robust solutions. I possess strong skills in web and mobile application development. Proficient at developing features for back-end distributed systems and orchestrating automated cloud deployments. My passion for system design, automation, and testing drives my commitment to delivering quality solutions.

📁 Employment History

Full Stack Software Engineer at Properly, Toronto

January 2022 — Present

- **Designed and implemented features for a Node.js and Python microservices API** backed by AWS infrastructure, taking ownership of key services that **support the efficient daily ingestion and manipulation of over 150,000 listing records.**
- **Architected and developed Properly homes mobile application from scratch contributing to a 300% increase in user retention.** Guided three engineering teams in onboarding to the code base in one sprint.
- Spearheaded cloud-based automated testing to address production bugs and improve user experience. **Validated by positive feedback from users, achieving a 4.6-star rating in the iOS App Store.**
- **Optimized notification system by reducing real estate data processing time by 90%** through effective task sequencing and parallelization. **Increased system throughput and consequently user engagement.**
- Collaborated with fellow colleagues to redesign Properly's core map feature, improving user experience by making the feature more responsive and **reducing memory utilization by 60%.**
- **Led team rituals ranging from** scoping of core product features, **system design**, breakdown of features into manageable tickets, team retrospectives, and authoring documentation for core parts of the system.

Full Stack Software Engineer at HelloDarwin, Montréal

January 2021 — December 2021

- **Designed and executed full stack capabilities for a micro frontend system built with React**, alongside a Go-based backend, **enhancing user experience** for both sides of the b2b marketplace.
- **Optimized marketplace matching algorithm to contribute to an annual user growth rate of 110%.**
- Coordinated infrastructure components to bolster fault tolerance, **achieving a service uptime of 99.999%.**

Details

Ottawa

Canada

14162749499

larryagbana@gmail.com

Links

[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

Skills

JavaScript

Node.js

Python

Go

React

Next.js

React Native

HTML & CSS

SQL

NoSQL

Docker

Mobile-First, Responsive Design

Object Oriented Design

AWS Cloud

Distributed Systems

Testing (unit, integration, e2e)

Observability (Sentry, Datadog, Cloudwatch)

- **Introduced end-to-end testing strategies, leading to a 20% reduction in regression and undetected bugs.**
- **Collaborated with product and marketing teams to revamp the product's monetization strategy, increasing the profitable user base by 30%. Recommended engineering strategies to support this initiative.**

Full Stack Software Engineer at AgileIS (Contract), Ottawa

August 2020 — January 2021

- **Developed full stack features for a Node.js and React Native application backed by Google cloud services. Delivered on product milestones that enabled partnership with about 50% of Canadian insurance industry.**

Full Stack Software Engineer at Vogti

June 2019 — August 2020

- **Guided the development of an employment marketplace using Node.js, React, and MongoDB. Led full cycle development efforts, meeting deadlines that aided in securing a partnership with Invest Ottawa.**

Education

Full Stack Web Development, Carleton University

June 2020

MBA - Applied Data Science, Carleton University

December 2019

Bachelors of Economics, Mathematics minor, Carleton University

June 2014