

Larry Agbana – Software Engineer

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SUMMARY

Over **3 years** of honed expertise in crafting scalable, robust solutions for both small-scale and enterprise-level challenges, I bring strong skills in **web, mobile, distributed systems**, and **cloud application development**. My passion for **system design, automation**, and **testing** drives my commitment to delivering impactful solutions.

TOOLS AND TECHNOLOGIES

- **Languages:** JavaScript, Go, Python
- **Web/Mobile:** React, Next.js, React Native, HTML, CSS, REST API's, GraphQL, Node.js, Express, Flask, FastAPI, Chi, Microservices, Eventing systems, Web security, Usability, Caching
- **Data systems:** Postgres, MySQL, DynamoDB, MongoDB, Redis, Apache Airflow
- **Cloud technologies:** AWS (EC2, Lambda, S3, API Gateway, CloudFront, SQS, SNS), Heroku
- **Automation/Build Tools:** GitHub actions CI/CD, AWS CodePipeline CI/CD, Docker, Kubernetes
- **Observability:** Datadog, AWS CloudWatch, Sentry

EXPERIENCE

Software Engineer - Full Stack

January 2022 – March 2023

Properly Homes, Remote – Canada

- **Architected and developed Properly homes mobile application from scratch contributing to a 300% increase in user retention.** The application demonstrated positive reception among users by attaining a **4.6-star rating** in the iOS app store.
- **Optimized email notification system by reducing real estate data processing time by 90%** through effective task sequencing and parallelization. This significantly **increased system throughput and consequently user engagement**.
- Optimized the implementation of Properly Homes core map feature, enhancing user experience by making the feature more responsive and **reducing memory utilization by 60%**.
- **Enabled knowledge transfer and productivity of 3 engineering teams within 1 sprint** in the mobile code base **via written documentation, training videos, and presentations**.
- **Led a team of 5 engineers** to guide the team on scoping of core product features, **system design**, and the breakdown of features into manageable tickets.
- **Pioneered quality control strategies** by utilizing mobile cloud-based testing leading to less bugs in production, increased team velocity, and consistently hitting team metrics and milestones.

Software Engineer - Full Stack

April 2021 – November 2021

HelloDarwin, Remote - Canada

- **Architected and implemented** full stack features for a system of micro frontend react applications and a backend written in Go **creating a great marketplace user experience that led to yearly 110% user growth**.
- **Reduced regression and undetected bugs by 20%** through pioneering UI Testing strategies.

Software Engineer - Full Stack

October 2020 – January 2021

Agile Intelligence, Remote - Canada

Software Engineer - Full Stack

January 2020 – October 2020

Vogi, Remote - Canada

EDUCATION

Full Stack Web Development Certificate - Carleton University

June 2020

MBA (Applied Data Science specialization) - Carleton University

December 2019

Bachelor of Economics, Mathematics Minor - Carleton University

June 2014