

Ricky Adriell

+447783413512 | rickyadriell@gmail.com | London, UK

[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [Medium](#)

Work Experience

Software Engineer / Unlocked Homes (startup) / London, UK / 03/2024 – 12/2024

AI-powered home-buying assistant designed to simplify the property search process | [unlocked.homes](#)

AWS (AppSync, Amplify, Lambda, Cognito, Lambda, DynamoDB), Node.js, TypeScript, React, Serverless Framework, GraphQL

- **Reduced development time and improved system scalability** by designing and implementing serverless GraphQL APIs using TypeScript, and AWS AppSync, improving mobile and web platforms integration
- **Improved onboarding efficiency** by replacing password-based authentication with OTP verification using AWS Cognito, simplifying user sign-up and reducing drop-off rates
- **Developed a pipeline for automated property recommendations** using AWS EventBridge and Step Functions, providing personalized property suggestions

Software Developer / Reputy.io (startup) / London, UK / 07/2023 – 02/2024

Talent wallet for showcasing core skills through real-world experience | [reputy.io](#)

Nx, React, Typescript, Node.js, Jira, MUI, Figma, Eraser, Git

- **Enabled users to upload and showcase achievements** by implementing image and video upload functionality using Node.js, Firebase Storage, and Boto
- **Collaborated with designers and product managers** to align technical development with business goals, improving feature implementation
- **Developed a talent dashboard** using React, MUI, and Redux Toolkit, allowing users to showcase skills and achievements effectively

Project

Kazi | [kazihub.co](#)

Enhancing your job search with a suite of tools to support you every step of the way

AWS (Gateway, Lambda, SAM), Git, GitHub Actions, OpenAI API, TypeScript, GO

- **Built an AI-driven interview preparation service** using OpenAI API to generate dynamic question sets, improving users' interview readiness
- **Designed and deployed a scalable, serverless REST API** using AWS Lambda and Serverless Application Model (SAM), reducing infrastructure management overhead and improving system efficiency
- **Automated deployment pipelines** with GitHub Actions, reducing manual deployment tasks and enhancing release reliability

Moment | [GitHub repository](#)

A social media website taking inspiration from Instagram and Facebook

React, JavaScript, Go, Gorilla WebSocket, Docker, SQL, SQLite3, and CSS

- **Implemented real-time messaging** using Gorilla WebSocket, improving user experience by enabling instant communication
- **Designed a responsive front-end** using **React and CSS**, ensuring a seamless user experience across different screen sizes
- **Designed and built** backend API using Go and SQLite following TDD approach fostering better code quality, and enabling efficient refactoring

Skills

Languages & Frameworks: Go, TypeScript, Node.js, JavaScript, React, Redux, Zustand, Next.js

Cloud & DevOps: AWS (Gateway, Lambda, AppSync, DynamoDB, EventBridge, Step Functions, Cognito, IAM), Docker, CI/CD, GitHub Actions, GCP & Firebase (Authentication, Store, Host, gcloud)

APIs: GraphQL, REST, WebSocket, OpenAI API

Tools: Git, AWS SAM, Serverless Framework, SQL, NoSQL, MongoDB, SQLite, Postman

Contribution

2025 | [awesome-go](#)

Awards and Certifications

2024 | Outstanding Mentor Award | 01Founders

2023 | Go, JavaScript, Rust Programming | 01Founders

2019 | Python | Coursera

Education

Software Engineering / 01Founder, London, UK / 01/2022 – 07/2023 | [GitHub Repository](#)

- Coding bootcamp where I built and collaborated for over 20+ projects with Go, JavaScript, TypeScript, Rust, React, HTML, CSS, SQL, Docker, Postman, GitHub, Git

L3 NFD in Information Technology / Lambeth College, London, UK / 07/2020 – 07/2021

- Systems Management, Advanced Programming Techniques, and Data Modelling