

Osama Soliman

Auckland, New Zealand
New Zealand resident · Unrestricted work rights
Seeking full-time Software Engineer roles in New Zealand

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PROFILE

Software engineer with full-time production experience building and maintaining Flutter applications backed by Firebase. Experienced in interface design, search, Firestore access patterns, offline behaviour, location-aware features, cloud integrations, and release-ready user flows. New Zealand resident with unrestricted work rights.

PROFESSIONAL EXPERIENCE

Flutter Developer

Aug 2024 – Present

Halal Kiwi · Full-time · Auckland, New Zealand

- Build and maintain production Flutter experiences backed by Firebase for iOS and Android.
- Initiated, designed, and delivered a complete interface refresh to improve usability and visual consistency.
- Implemented fuzzy search for incomplete or misspelled queries.
- Revised Firestore access patterns to remove unnecessary reads and improve loading performance.
- Contributed to the AI-assisted manufacturer-enquiry workflow for products not yet in the halal database.

INDEPENDENT PRODUCT

Owner & Sole Developer

Nov 2025 – Present

Masajidna · Published under Muhkam Limited

- Independently built, own, and continue to maintain three working Flutter applications and a shared Firebase backend.
- Built Catch Prayer using prayer schedules and routing-duration estimates to identify potentially reachable prayers.
- Implemented fixed, automatically offset, and CSV-imported schedules with privileged TypeScript/Node Cloud Functions.
- Delivered six permission roles, rotating display pairing codes, offline behaviour, Arabic RTL, App Check, query controls, rate limiting, and automated tests.

EDUCATION

Bachelor of Computer and Information Sciences

Jul 2024 – Expected Jul 2028

Auckland University of Technology · Cybersecurity major · Available for full-time work

Flutter Development Programme

Aug 2021 – Oct 2022

TG Academy

- Completed a structured year-long Flutter and Dart programme covering foundational through advanced application development.

TECHNICAL
CAPABILITIES

Languages	Dart, TypeScript, JavaScript
Mobile	Flutter, Flutter Web, Android, iOS, responsive UI
State & navigation	Riverpod, Provider, Go Router, guarded navigation
Cloud & data	Firebase Authentication, Cloud Firestore, Storage, Cloud Functions
APIs	REST APIs, Google Maps Platform, location-aware workflows
Engineering	Feature-oriented architecture, offline behaviour, validation, error handling, automated testing, Git

RECOGNITION

CS50: Introduction to Computer Science	Mar 2024
Harvard University · Algorithms, data structures, C, Python, SQL, and web foundations	
Outstanding Achievement in Edexcel Mathematics	Apr 2024
Pearson Edexcel · International Advanced Level Mathematics	

LANGUAGES

Arabic	Native
English	Proficient

CASE STUDIES

Evidence behind the work
Product problems · engineering decisions · outcomes
Read the Halal Kiwi and Masajidna case studies for screenshots, architecture, implementation details, and clearly scoped claims.
<u>View case studies -></u>