SOFTWARE ENGINEER · WEB & MOBILE

Osama Soliman

Auckland, New Zealand
New Zealand resident · Unrestricted work rights
Seeking full-time Software Engineer roles in New Zealand
Notice period: two weeks

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PROFILE

Software engineer with full-time Flutter production experience and independent delivery of React, TypeScript and Firebase systems. Work spans shared application architecture, transactional data, role-based access, offline behaviour, automated testing and ongoing maintenance. New Zealand resident seeking a full-time Software Engineer role.

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.
- Reworked Firestore access patterns to remove unnecessary reads.
- Initiated, designed and delivered a complete interface refresh in an established product.
- 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.

CLIENT PROJECT

Sole Designer & Full-stack Developer

2026

Zaitoon · Connected restaurant system

- Delivered React and TypeScript interfaces, a Firebase backend and an Android staff app for bookings, tables, orders and bills.
- Implemented transactional booking commands, permission checks, safe repeat requests and stale-edit protection.
- Integrated ElevenLabs phone bookings with staff handoff; tested booking conflicts, retries and role restrictions.

Osama Soliman

SOFTWARE ENGINEER · AUCKLAND, NEW ZEALAND

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 Flutter and Dart programme covering foundational through advanced application development.

TECHNICAL CAPABILITIES

Languages	Dart, TypeScript, JavaScript
Web & mobile	React, Flutter, Flutter Web, Android, iOS, responsive UI
State & navigation	Riverpod, Provider, Go Router, guarded navigation
Cloud & data	Firebase Authentication, Firestore transactions, Storage, TypeScript/Node Cloud Functions
APIs	REST APIs, Google Maps Platform, location-aware workflows
Engineering	Shared architecture, role-based access, offline behaviour, validation, automated testing, Git, release maintenance

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

Selected engineering work

Architecture · reliability · delivery

Explore the systems, implementation decisions and test evidence.

Zaitoon case study

Masajidna case study

Halal Kiwi case study