

Osama Soliman

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New Zealand resident · Unrestricted work rights
Open to remote worldwide

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PROFILE

Software engineer specialising in mobile and cloud-powered products. Experienced in turning product needs into polished Flutter applications, designing cost-aware Firestore data models, integrating external APIs, and improving search, performance, and offline reliability. Currently completing a Bachelor of Computer and Information Sciences at Auckland University of Technology.

EXPERIENCE

Flutter Developer

Jan 2023–Present

Halal Kiwi · Product contribution

Contributed to a location-aware Muslim directory covering nearby halal restaurants, opening hours, masjids, prayer times, businesses, and product verification.

Supported barcode-based halal checks and an AI-assisted workflow that captures unknown products, contacts manufacturers, and returns responses to requesting customers.

Redesigned the application interface end to end after identifying an opportunity to improve usability and visual clarity.

Introduced fuzzy search and reworked Firestore fetching patterns to improve discovery while reducing avoidable database reads.

Mobile Lead

Nov 2025–Feb 2026

Masajidna · Personal product

Designed a four-component platform: provider-independent domain core, admin app, customer app, and mosque display web app.

Delivered phases 1–4 of a six-phase plan, covering the foundation, administration, display experience, and customer discovery MVP.

Created a proximity-aware Catch Prayer feature that compares travel time and safety margin against mosque-local Iqama time.

Designed six permission roles, quarantined mosque onboarding, sanitized public Firestore projections, and rotating six-digit display pairing codes.

Built manual, automatic, and CSV prayer scheduling with English/Arabic localization and RTL support.

EDUCATION

Bachelor of Computer and Information Sciences

Jul 2024–Present

Auckland University of Technology

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, SQL

Mobile

Flutter, Android, iOS, responsive UI, platform integration

Architecture

Clean Architecture, Riverpod, BLoC, offline-first systems

Cloud & data

Firebase, Firestore, Cloud Functions, Supabase, SQLite, Hive

APIs

REST, GraphQL, Google APIs, third-party integrations

Quality & delivery

Unit testing, Git, GitHub Actions, Fastlane, App Store delivery

Product

Figma, accessibility, analytics, performance optimisation

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 · Highest mark in the world in International Advanced Level Mathematics

LANGUAGES

Arabic

Native

English

Proficient

SELECTED
PROJECT

Masajidna

4 components · 3 experiences · 6 roles · 3 schedule modes

Full-stack mosque platform designed around provider-independent architecture, privacy-separated data, timezone-safe prayer logic, moderated onboarding, proximity-aware attendance planning, and paired live displays.

[View case study ↗](#)

