

Tomas Radvansky

AI-Native Full-Stack Developer · CTO & Co-Founder at R-DEV Limited

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Profile

AI-native full-stack developer and technical architect with 10+ years building mobile, web, and AI-enabled products. Medical-doctor background plus deep product engineering experience across startup and growth-stage environments.

Unique Value

- HealthTech / MedTech — understands clinical workflows, medical terminology, regulatory context, and patient safety from firsthand experience as a practicing doctor (obstetrics, gynecology, breast surgery at Medway Maritime Hospital NHS).
- AI-native development — doesn't just use AI tools; has built production AI features with Vertex AI, LangChain, embeddings, vector search, TensorFlow, and Firebase ML Kit. Works daily with Cursor, Claude, Codex, and autonomous agents as part of the engineering loop.
- Full product ownership — has repeatedly taken products from zero to production as a technical architect/fractional CTO, not just writing features on an existing codebase.
- Proven startup experience — comfortable with ambiguity, fast iteration, wearing multiple hats, and building under resource constraints.

Preferences

- **Rate (contract):** $100 NZD/hr + GST minimum
- **Salary (perm):** $150k+ NZD/year
- **Work mode:** Remote-first. Open to 1–2 days/week in Auckland or Whangarei. No relocation.
- **Ideal industries:** Healthcare / medical tech (strong preference — has medical degree), meaningful products, AI/ML-powered platforms

Core Stack

- Flutter — primary cross-platform framework, 6+ years
- Firebase — Auth, Firestore, Cloud Functions, FCM, Remote Config, Analytics
- Node.js / TypeScript — Cloud Functions, backend services
- Dart — Flutter's language
- Google Cloud Platform — Vertex AI, Cloud Run, BigQuery
- Vertex AI, LangChain, vector search, embeddings
- TensorFlow, Firebase ML Kit
- Neural networks (built indoor positioning with BLE beacons)
- LLM integration in production apps (candidate assessment at OMJ, thought processing at Asynchor)
- AI-native workflow: Cursor, Claude, Codex, agent-based workflows
- iOS: Swift, Objective-C (early career foundation)
- Android: Kotlin, Java
- React Native (Click Defeat app)
- Ionic, Angular/AngularJS
- HTML/CSS/JavaScript (portfolio site is hand-built)
- GitHub Actions (CI/CD)
- Test-Driven Development (TDD) — strong advocate
- Git, GitHub

Professional Experience

Senior Mobile Developer — OMJ / OhMyJobs.com
Oct 2024 – Mar 2026 (laid off 11 Mar 2026)

Full-time employed role Marketplace replacing traditional temp agencies

Flutter · Firebase · Vertex AI · AI/ML

Founder / Technical Architect — R-DEV Limited / Asynchor
2024 – Present

Founded Asynchor (asynchor.com): SaaS for thought management, async collaboration, well-being AI-powered: dictation → transcription → summarization → topic organization → searchable team knowledge

Flutter · Firebase · AI/ML

Contract maintenance — PositionTech (NZ)
Ongoing (occasional)

Maintaining existing applications Very light/ad-hoc work

Flutter · TypeScript · Angular · AI/ML

Contract — ElevenLabs (remote)
Nov 2023 – Jan 2024

New architecture for mobile application Flutter + Firebase

Flutter · Firebase · AI/ML

Senior Mobile Developer / Tech Lead — Carv (Netherlands, remote)
May 2022 – Oct 2023

AI recruitment platform — "one platform, 3 modules, 16 AI tools for recruiters" Led rewrite from React to Flutter with Firebase backend on GCP

Flutter · Firebase · GCP · LangChain · React · GitHub Actions

Technical Architect — Logmate Limited (NZ)
Jul 2020 – Jan 2022

Digital logbook solution for NZ drivers and ridesharing companies Flutter + Firebase architecture

Flutter · Firebase · Node.js

Technical Architect — Bullrush Apps (Auckland, NZ)
May 2018 – Jul 2020

First NZ role after immigration Transitioned product from legacy tech to native iOS/Android

Flutter · Node.js · Swift · Kotlin

Mobile/Hybrid Software Developer — Idox Health (UK, remote)
2016 – Feb 2018

myEmCare platform for elderly care homes Ionic, Angular, native plugins for iOS/Android

Ionic · Angular · AI/ML

Mobile Developer — DNXcorp (Malta)
Jan 2015 – Dec 2015

Built a dating application with native iOS and native Android clients Native Android stack: Java

Objective-C · Swift · Java

Junior FAS Foundation Doctor — Medway Maritime Hospital (Kent, UK)
Apr 2014 – Jan 2015

Clinical practice: obstetrics & gynecology, breast surgery GMC-qualified doctor

Junior Mobile Developer — Touch-Soft Limited (Manchester, UK) Sep 2013 – Apr 2014

iOS native video player, Art Futures Gallery app for fine art collectors Objective-C

Objective-C

Junior iOS Mobile Developer — Celum GmbH (Austria, remote) May 2012 – June 2013

Built first mobile version of their digital asset management service Objective-C, iOS SDK

Objective-C

Selected Projects

Asynchor

SaaS for thought management, async collaboration, well-being

Flutter Firebase AI/LLMs

Backyard Hunt

QR-code treasure/scavenger hunt app for families, schools, museums

Flutter Firebase

Click Defeat

Tapping speed/accuracy/reaction time game

React Native

Backlink Space

SEO backlink analysis and monitoring tool

Web

li-nk.me

Universal/dynamic linking platform for growth teams

Web SDKs

Timerush

Productivity timer app (no longer available)

Flutter / Swift

Education

General Medicine (MD equivalent)

University of Pavol Jozef Safarik, Kosice, Slovakia · Graduated 2013

GMC-qualified, practiced clinically in UK

Postgraduate Certificate in Computing

Open University, UK (remote) · 2014–2018

Pursued to support immigration + career transition

Computing, Programming, Networking

Gymnazium Trebisovska 12, Kosice · Graduated 2007

Secondary school with tech focus