Tarik Al Hadethi

Software Engineer · Client-facing delivery · Python, TypeScript, Rust

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Dubai, UAE (UTC+4) · Golden Visa: no visa sponsorship needed · Can contract through my UAE company
Available now, full-time or part-time alongside my degree: on-site, hybrid or remote · Open to travel

EDUCATION

Bachelor of Computer Science (Cyber Security) · Expected Jul 2028
University of Wollongong in Dubai · Year 2 of 3

EXPERIENCE

Business Operations Engineer, **Spotter** · Oct 2026 to Present
Commercializing the company's software products, reporting directly to the CEO.

Software Engineer (client project), **UOWD Media Studio** · Sep 2026 to Present
Rebuilt the studio's equipment booking system, first written by its technician, in a team of two.
Stack: Next.js, React, TypeScript, JavaScript, Node.js, Prisma, PostgreSQL, Tailwind CSS, Docker

- Took the inherited system live in 14 days; 25 students now test it with real bookings.
- Won it with nine cold emails, then turned two conflicting briefs into one agreed scope.
- Built a spreadsheet importer that infers each column and writes nothing until confirmed.

Founder and Software Engineer, **Clarus** · Mar 2026 to Present
A signed commercial Windows app for screenshots and screen recording, sold through my licensed UAE company, Clarus LLC (Sharjah Media City, Aug 2026). Sole engineer.
Stack: Rust, Tauri, TypeScript, React, PostgreSQL, Supabase, Stripe, Python, Win32

- Shipped 1.0 in 133 days and kept releasing signed auto-updates; now at version 1.0.39.
- Closed a signup bypass and an invite-check hole in a PostgreSQL backend built on row-level security.
- Wrote 24 Python checkers for bugs compilers miss and an audit, run in GitHub Actions, that plants each rule's own bug to prove it can fail (49 of 49 caught).

Open-Source Contributor, **sonos/tract** · Aug 2026 to Present
Six pull requests merged and five issues opened in Sonos's ML inference engine (ONNX, Rust).

- Found and fixed a silent shape bug (tract read 1/2 as 0), reproduced with a 763-byte model.
- Planned the split of a stalled kernel pull request and co-authored four slices: max pool 3.5x and deconvolution 3.7x faster per operation, with bit-identical output.

PROJECTS

Longtable · github.com/TarikAlHadethi/Longtable · Oct 2026 to Present
A live room for a team, their own AI coding assistants and their client: Next.js, Supabase.

Technical writing · tarikalhadethi.com/writing · Aug 2026 to Present
Twelve published write-ups on bugs, measurements, my own mistakes and a client project.

SKILLS

Languages: Python, TypeScript, JavaScript, Rust, SQL
Frameworks: React, Next.js, Node.js, Tailwind CSS, Tauri
Data and backend: PostgreSQL, Supabase, Prisma, Stripe
Tools and platforms: Docker, GitHub Actions (CI/CD), Git, Claude Code
Spoken languages: English, Arabic (native)