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Yaman Tarakji

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Backend-leaning full-stack engineer with 4+ years of professional experience before Berkeley — including founding QueryQode CRM, a live multi-tenant SaaS serving 5 offices, 54 users, and 323 sub-agents. Specializes in SQL optimization, RBAC and auth systems, audit logging, and API performance.

WORK EXPERIENCE

QueryQode CRM — Founder & Full-Stack Developer   Berkeley, CA | May 2020 - Present

queryqode.com/crm

- Architected and shipped a **SPA-based multi-tenant CRM** for education consultancies (PHP, JavaScript, MySQL), serving **5 offices, 54 users, and 323 sub-agents** with **11,200 leads** and **13,779 enrolled students** managed in production.
- Implemented async API operations for CRUD/status changes, cutting actions from **~2-4s to ~300-600ms** via **preloaded reference data** and **SQL indexing/query optimization**.
- Designed an **audit logging system** capturing before/after diffs, user identity, timestamp, and operation type — eliminating data loss risk from user errors and providing a complete change history for compliance and debugging.
- Designed a **three-tier RBAC system** (admin/employee/sub-agent) with per-user operation-level permissions, scoped data visibility, and financial data isolation from sub-agents — supporting both full CRM users and a read-only partner portal via unique secure links.
- Built a **per-sub-agent lead capture system** with unique landing pages, UTM parameter tracking (source, campaign, medium, term), customizable auto-reply emails, and automatic commission attribution on application financials.

Small Business Virtual Incubator (San Diego Mesa College) — Full-Stack Developer   San Diego, CA | Aug 2022 - Present

- Built a reusable **Bootstrap + PHP/JS CMS** supporting SEO fields, form submissions, brand/color controls, navigation CRUD, and WYSIWYG/HTML custom pages — deployed across **9 client sites**.
- Managed full project lifecycle — requirements through 1-year post-launch support — for 9 clients, delivering each engagement in approximately 30 hours from kickoff to launch.

UC Berkeley — CS169A Software Engineering — Tutor / Course Staff   Berkeley, CA | Summer 2025, Fall 2025

- Owned course logistics automation by building scripts to **provision and manage GitHub repositories** for **35 student teams**, cutting per-semester repo setup from **3 hours to 15 minutes** and eliminating manual consistency errors.

New Style Technology — Web Developer   Jeddah, Saudi Arabia | Jan 2016 - July 2020

- Integrated a **SQL Server-based ERP accounting system** with Shopify and OpenCart, automating invoice entry for **hundreds of daily transactions** and eliminating ~1 min/invoice of manual data entry.
- Built a custom ticketing + attendance system with **automated certificate issuance** from verified check-ins, cutting post-event fulfillment from hours to minutes.
- Automated post-event attendee processing, reducing throughput from **~30-45s/entry to ~5s/entry** and cutting staffing needs from 3-4 employees to 1 monitor.

PROJECTS

FLEXTENSIONS — Software Engineer (Team Project)   UC Berkeley | Feb 2025 - May 2025

flextensions.berkeley.edu

- Built the core student-facing request workflow for a UC Berkeley extensions platform (Canvas API + Gradescope) — **Forms MVC, alerts, email notifications, and responsive data tables** — enabling students to submit and track extension requests in a unified interface.
- Reduced review time from **~30-45s/request to ~2-5s/request** by improving the approval UI flow and TA/instructor tooling.
- Increased automated test coverage from **~10% to ~80%**, adding critical-path tests and improving CI/CD pipeline reliability.

EDUCATION

University of California, Berkeley — B.S. Electrical Engineering & Computer Sciences (EECS), 2025. GPA: 3.4

SKILLS

- **Languages:** JavaScript, PHP, Ruby, SQL, Python, Go, Java, C/C++
- **Frameworks/Libraries:** Node.js, Express, Rails, React, Bootstrap
- **Databases:** MySQL, SQL Server, Oracle, MongoDB
- **Tools/DevOps:** Git, Docker, Linux, Webpack, GitHub Actions, RSpec, Cucumber, Heroku, REST APIs