

Kouider “Tony” Bakhti

Senior Web Developer | Full-Stack Web Applications

JavaScript/TypeScript • React • PHP • C#/.NET • SQL • REST APIs

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PROFESSIONAL SUMMARY

Senior Web Developer specializing in full-stack web applications, e-commerce platforms, and enterprise system integration. Experienced in React, TypeScript, JavaScript, C#, ASP.NET Core, PHP, SQL, and Microsoft Azure, with a track record of delivering production web applications and modernizing business software.

TECHNICAL SKILLS

Frontend: React, TypeScript, JavaScript, HTML5, CSS3, Angular, Vue.js, jQuery, AJAX, Bootstrap, Responsive Web Design

Backend & APIs: C#, ASP.NET Core, PHP, Java/JSP, Node.js, Python, FastAPI, REST APIs, MVC, LINQ, JSON, Swagger/OpenAPI

Databases: SQL Server, PostgreSQL, MySQL, Azure SQL, T-SQL, Relational Database Design

Web & E-Commerce: WordPress, WooCommerce, OpenCart, Payment Gateway Integration, Custom Web Applications

Cloud & DevOps: Microsoft Azure, App Service, Application Gateway, Azure Container Registry, Docker, GitHub Actions, CI/CD, Git, GitHub, IIS, Apache, cPanel

Integrations & Security: Authentication, Role-Based Access, OpenAI APIs, Twilio, RingCentral, Email/SMS Workflows

PROFESSIONAL EXPERIENCE

Senior Web Developer / Software Engineering Consultant (Contract)

Bian Laboratories LLC — San Antonio, TX | 2020–2024

- Designed, developed, and delivered an operational e-commerce platform supporting online sales, private-label products, and formulation workflows.
- Developed private administrative interfaces and portals for internal business operations.
- Conducted stakeholder interviews, documented business processes, and defined ERP requirements and architecture with a long-term SaaS vision.
- Designed and implemented an operational ERP Version 1 prototype covering approximately 40% of the planned functionality.

Senior Web UI & Full-Stack Developer (Contract)

Wellness Software Solutions — San Antonio, TX | 2024–2026

- Developing React/TypeScript interfaces for the SaaS modernization of SpaRes, with ASP.NET Core APIs, tenant-isolated databases, multi-location support, and location-based licensing.
- Developing reservation-management interfaces for appointments, clients, services, staff, locations, rooms, and availability.
- Implementing appointment creation, editing, cancellation, rescheduling, history, and authentication-aware API communication.
- Integrating API responses with DTOs, client-side validation, and HTTP error handling.
- Developed SpaRes.TherapistPortal.Api with C#/ASP.NET Core so therapists could access schedules remotely without contacting the front desk; worked with Azure services.
- Integrated RingCentral and Twilio APIs for customer communication workflows.

AI Software Engineer / Full-Stack Web Developer (Contract)

Wellness Software Solutions — AI Business Assistant Platform | San Antonio, TX | 2025–2026

- Researched AI integration for wellness operations in 2025; built a CRM in 2026 using Python, FastAPI, PostgreSQL, OpenAI APIs, and Twilio.
- Modernized the application into a layered architecture separating API routing, business logic, database access, and external integrations.
- Implemented authentication and role-based access controls; verified the application with 101 passing automated pytest tests.
- Containerized the application with Docker and implemented GitHub Actions CI/CD to run tests, build images, and publish them to Azure Container Registry.
- Successfully executed automated build and deployment workflows targeting Microsoft Azure App Service.

Senior Web Applications Developer (Contract)

Wellness Software Solutions — San Antonio, TX | 2020–2024

- Migrated the established C++/ODBC application environment to Azure beginning around 2021, including applications, databases, hosting, users, authentication, security, and Entra ID.
- Developed and maintained web applications, portals, forms, and database integrations using PHP, JavaScript, and AJAX.
- Modernized established web applications while preserving compatibility with operational systems.

Senior Web Developer / Consultant

Wellness Centers — San Antonio, TX | 2010–2020

- Designed and maintained C++ Windows desktop business applications with ODBC and local relational databases.
- Developed SpaRes, SpaSoft, TimeClock, and Payroll for scheduling, client management, employee timekeeping, and payroll.
- Implemented database-driven features and managed software releases, troubleshooting, and ongoing maintenance.

Web Application Engineer / Consultant

Global Links / Independent Contracting — San Antonio, TX | 2004–2010

- Developed database-driven web applications, e-commerce websites, customer portals, and business systems using Java/JSP, Servlets, PHP, HTML/CSS, JavaScript, and MySQL.
- Implemented shopping carts, customer registration, transaction workflows, and healthcare-related web applications supporting emergency department information.

EARLIER WEB ENGINEERING EXPERIENCE

Web Developer

WebTek — Canada | 2001–2004

- Developed database-driven web applications and administrative tools using Java, JSP, JDBC, PHP, and Apache Tomcat.

Software Developer

ComLink Group Inc. — Canada | 2000–2001

- Developed C++ components supporting network communication, remote monitoring, and software diagnostics.

EDUCATION

Master's Degree in Computer Science (Software Engineering)

Université du Québec à Montréal (UQAM) — Montréal, Québec, Canada