

Hamid Samir

Senior Full Stack Developer / ASP.NET Core

Software engineer and **senior full-stack developer** specializing in **backend engineering, system architecture and scalable applications**. Experienced in turning complex business requirements into **secure, modular and maintainable software** across B2B commerce, fintech, blockchain and real-time systems.



Coding since **2010**

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Born 23 August 1996 • Bachelor's Degree in Software Engineering

Core Skills

Backend & Data

ASP.NET Core C# SQL Server REST API Dapper

Architecture & System Design

System Design Multi-Tenant Modular Architecture

Mobile

Android Kotlin Swift

Frontend

React Next.js TypeScript Blazor

Infrastructure

SignalR Background Jobs S3 Storage PWA Web Push

Additional Technologies

Python Solidity Web3 Trading API

Professional Experience

Approximate Gregorian years, converted from the Solar Hijri calendar.

Senior Full Stack Developer & System Architect

2024 - Present

Design enterprise systems with **ASP.NET Core**, covering backend architecture, **REST APIs**, security, service integration and real-time functionality. Contribute directly to **product analysis and key technical decisions**.

International Collaboration & Specialized Projects

2021 - 2023

Collaborated with **Canadian companies** on **blockchain, Web3, DEX and fintech solutions**. Developed backends, APIs and business logic, managed databases and coordinated frontend engineering.

Backend Developer

2019 - 2020

Specialized in **ASP.NET Core, database design and API development**. Built business logic, administration panels and reusable, modular infrastructure.

Freelance Software Developer

2016 - 2018

Built a **vehicle service app** and **Argan Pakhsh**, a B2B auto parts app published on Cafe Bazaar. Transitioned into backend development through ASP.NET and .NET Core.

Android & Custom Software Developer

2013 - 2015

Worked with **Imen Tak Dadeh Imen** on a recruitment app, a classifieds platform and a Bluetooth multiplayer game. Designed mobile and Windows software for secure print-order and customer-file management.

Professional Strengths

01. Turn business requirements into practical architecture
02. Design APIs, databases and business logic
03. Build reusable form, reporting and security libraries
04. Coordinate engineering teams and lead frontend delivery

Selected Projects

Multi-Tenant ERP for Auto Parts Sales & Distribution

System Designer, Lead Full Stack Developer & Project Manager

Designed and built a **multi-tenant enterprise platform** for auto parts distributors and wholesalers, supporting **B2B and B2C sales**, dedicated company websites, isolated data and settings, and a supplier-distributor-retailer network. Delivered **integrated accounting, inventory and financial workflows** across the supply chain.

Distribution Network & Supply Chain

Shared supplier catalogs with distributors, each with independent margins, sales policies and customer tiers. Consolidated invoices for supplier fulfillment of retailer orders.

Sales & CRM

Dynamic pricing, cash and installment sales, customer and sales representative management, targets, commissions and incentives.

Accounting & Sales Integration

Built accounting middleware for Sepidar, Holoo, Mahak and Argham; synchronized prices, stock, orders and financial data, with WooCommerce and PrestaShop integrations.

Accounting, Inventory & Treasury

Integrated stock and cash flows, subsidiary ledgers, wallets, checks, due dates, payment gateways and supplier and seller settlements.

Business Intelligence & Sales Analytics

Analyzed purchasing behavior, customer segments, sales trends and team performance; delivered management dashboards for decision-making.

Targeted Charitable Aid Platform in Canada

Backend Developer & Frontend Team Lead

Helped develop a **fintech solution** for charities and food banks, replacing cash assistance with **prepaid cards with configurable spending controls**. Designed to support faster aid distribution, recipient autonomy and **transparent fund allocation and spending**.

Card & Funding Management

Card issuance and administration, initial and scheduled funding, and organization-defined funding cycles and expiration dates.

Financial Transparency

Real-time transaction tracking, spending reports, auditable records and oversight of aid allocation.

Spending Controls

Spending limits and approved merchants, with restrictions on cash withdrawals and purchases outside charity policies.

Mobile Application

Balances, transaction history, PIN management, permitted spending locations and rapid blocking of lost or stolen cards.

Trading, Copy Trading & Decentralized Exchange Systems

System Designer & End-to-End Developer

Designed and developed financial software for market analysis, **automated trade execution and multi-account management**, alongside **blockchain and decentralized exchange infrastructure**. Also built 2D JavaScript games with in-game NFT character minting and sales.

Market Analysis

Python-based price action analysis to identify trends, momentum, sideways markets and pullbacks.

Copy Trading

Real-time trade replication across accounts and brokers, with independent order and account-state management.

2D JavaScript Games

Designed and developed 2D games with integrated NFT characters.

Trade Execution

MetaTrader and exchange API integrations for positions, orders and automated trade entry and exit.

Blockchain & DEX

Smart contracts, tokens, swaps, liquidity pools and integrations with EVM-compatible networks.

NFT Minting & Sales

Implemented in-game minting and sales of NFT characters.