

Mohammad Khadem

Senior Full-Stack Developer | Tech Lead | Product-Oriented Engineer

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Professional Summary

Senior Full-Stack Developer with 10+ years of experience building scalable web and mobile applications, leading engineering teams, and delivering high-impact products.

Strong background in software architecture, microservices, and product strategy, with proven success in improving system performance, increasing user engagement, and aligning technical solutions with business objectives.

Core Skills:

Backend:

C#, ASP.NET Core, Web API, Dapper, Microservices

Frontend/Mobile:

Flutter (Cross-platform)

Database:

SQL Server, Performance Tuning, Multi-tenant Systems

Architecture:

Clean Architecture, Modular Systems, Scalable Design

Security:

OWASP, Authentication, Licensing Systems

Leadership:

Agile, Team Leadership, Product Strategy, Roadmaps

Professional Experience :

Head of Software Engineering

Orash | Jul 2018 – Present

One of the largest accounting software providers in Iran, leading the development of taxpayer systems

Tech Stack:

C#, ASP.NET Core, Web API, SQL Server, Dapper, Flutter, Microservices

Key Achievements:

- Increased system performance, leading to 60% improvement in customer satisfaction
- Redesigned core product UI, resulting in 70% user satisfaction improvement
- Automated update pipeline, improving delivery speed and boosting satisfaction by 90%+
- Reduced development cycle time through process optimization
- Mentored developers and promoted 2 engineers to senior level

Projects & Contributions:

- Designed and launched 3 Android applications (4,000+ users acquired)
- Re-architected parts of the system for scalability and maintainability
- Implemented structured documentation covering 40%+ of system processes
- Led a team of 4 developers and aligned engineering with business goals

Product Manager

Paradise Advertising Agency | Mar 2019 – Sep 2022

One of Iran's top advertising agencies across all departments

Tech Stack:

Web Platforms, UX Design, Analytics Tools, Mobile Applications

Key Achievements:

- Increased website traffic by **45% through UX redesign**
- Improved user engagement, increasing session duration by **50%**
- Achieved **40% adoption rate** for digital menu product

Projects & Contributions:

- Designed and launched Pachaal (digital restaurant menu)
- Built mobile ordering application
- Defined Pachaal Plus strategy
- Improved operational workflows for digital services

Product Manager

Roushan Educational Academy | JUNE 2018 – MARCH 2019

A top educational academy focused on advancing university entrance exam preparation, under the supervision of two national experts.

Key Achievements:

- Increased student engagement by **40%**
- Increased revenue by **25%** through digital learning solutions
- Achieved **80% satisfaction rate** in learning experience

Projects & Contributions:

- Developed educational academy website
- Built Android e-learning application
- Implemented QR-based interactive learning system in educational content

IT Manager / Project Manager Project manager and provider of website design proposals

Dian IT Company | DECEMBER 2017 – JUNE 2018

- Managed IT operations and client projects
- Designed web-based solutions and technical proposals
- Improved delivery efficiency and system planning

Project Manager, Started as a project manager (Slack, Trello)

Malek-Makan Group (Remote, Malaysia) | JANUARY 2017 – DECEMBER 2017

- Managed remote software projects using Agile tools (Slack, Trello)
- Coordinated distributed teams and stakeholders
- Ensured timely delivery of software solutions

Key Projects

ChequeYar – Check Management & Financial Reminder System

Orash

A financial automation system designed to manage incoming and outgoing checks with intelligent reminders and reporting.

Problem:

Manual check tracking caused missed due dates, financial errors, and inefficiencies in accounting workflows.

Solution:

Developed an automated system for check registration, reminders, reporting, and synchronization with accounting software.

Key Features:

- Smart due-date reminders with configurable alerts
- Advanced reporting (daily, monthly, yearly analytics)
- Excel export for financial reporting
- Cloud backup (Dropbox + local storage)
- Integration with Orash accounting system
- Check sharing via messaging platforms

Impact:

- Reduced financial errors and manual tracking issues
- Improved accounting team efficiency
- Increased user satisfaction through automation

Orash Mobile Reporting System

Orash

A mobile Business Intelligence (BI) platform for real-time access to financial and accounting reports.

Problem:

Users lacked real-time access to financial reports without desktop dependency.

Solution:

Built a mobile reporting system with dashboards, filtering, and real-time analytics.

Key Features:

- Real-time financial reports (accounts, cash flow, expenses)
- Interactive dashboards with charts
- Inventory and check reporting modules
- Advanced filtering system
- Multi-warehouse inventory analysis

Impact:

- Enabled real-time decision making
- Reduced dependency on desktop systems
- Improved accessibility of financial data

Mobile Sales Order System (Sales Automation Platform)

Orash

A field sales automation system for managing orders, payments, and customer interactions.

Problem:

Manual sales processes caused delays, errors, and lack of real-time synchronization.

Solution:

Developed a mobile system enabling real-time order management and synchronization with accounting system.

Key Features:

- Real-time order creation, modification, and cancellation
- On-site invoice and receipt printing
- Live inventory checking
- Multi-payment support (cash, card, cheque, hybrid)
- Region-based pricing and configurations
- Full synchronization with accounting system

Impact:

- Eliminated manual sales processes
- Increased sales team productivity
- Improved operational accuracy
- Enhanced customer satisfaction

Education

ASP.NET

Flutter

SQL Server

Clean Architecture

Software engineering - Sadjad University of Mashhad, Iran

Languages

English : Medium skill

Persian : Native proficiency