Mehraein Dashtian

Full-Stack Software Developer · Financial & gold trading systems

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Professional summary

Full-stack software developer and computer engineering student with hands-on experience independently designing, developing, and deploying production financial and gold trading systems. Experienced in web application architecture, database design, transaction management, concurrency control, accounting integrations, and performance optimization using React, Next.js, TypeScript, and PostgreSQL. Combines end-to-end software development capabilities with practical knowledge of gold industry operations and business workflows.

Technical skills

Frontend: React · Next.js · TypeScript · SCSS · Redux Toolkit

Backend & Data: Node.js · REST APIs · PostgreSQL · Drizzle ORM · JWT · Zod

Delivery & Quality: Docker Compose · Git · Turborepo · Playwright · Node.js Test Runner

Selected production systems

Hamresid Financial

Feb 2026 — Nov 2026

Independently designed, developed & deployed

- Independently designed, developed and deployed a commercial financial web application used in real business operations.
- Built responsive Persian interfaces and administrative tools with React, Next.js and TypeScript.
- Implemented server-side validation and relational data handling with PostgreSQL and Drizzle ORM.
- Handled regression testing, debugging and production deployment with Docker Compose.

Mehraein Gold

Aug 2025 — Oct 2026

Independently designed, developed & deployed

- Independently designed, developed and deployed a commercial gold trading production system used in real business operations, with customer, administrator and seller applications.
- Implemented wallets, buy/sell workflows, product management and APIs backed by PostgreSQL and Drizzle ORM.
- Built a price monitoring service, shared authentication modules and multi-service deployment with Docker Compose.

Periods reflect the available Git history.

Education

B.Sc. in Computer Engineering — in progress · Zand Institute of Higher Education, Shiraz · Started in 1403 SH (2024/25)

Domain experience

Goldsmith workshop and gold retail experience; practical knowledge of gold products, sales and business operations. · 6 years in goldsmithing · 6 months in gold retail

Training & certificates

C# certificate — Dibagaran Navid Institute; goldsmithing and gold sales certificates — Talafonoon Institute

Languages

Persian · Upper-intermediate English (self-assessed)