

# EHSAN VAZIRI

## Full Stack Developer

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### PROFESSIONAL SUMMARY

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Full Stack Developer with experience designing and building production web and mobile applications across fintech, e-commerce, and consumer platforms. Skilled in React, Node.js, and MongoDB, with a strong ability to break down large, ambiguous problems, define an implementation plan, and choose the right technology and architecture for the job — from dynamic workflow engines to third-party integrations. Makes active use of AI tools to guide technical strategy, speed up development, and improve project performance. Quick to adapt to new technologies and comfortable owning a product area from architecture through deployment.

### PROFESSIONAL EXPERIENCE

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#### Javascript Full Stack Developer — *Bank Employees' Pension Investment Fund* May 2022 – Present

- Serve as the sole full-stack developer for a comprehensive pension and retiree services platform, covering benefits, pay statements, and account services for retirees.
- Architected a BPMS-style dynamic workflow engine that models multi-step business processes (e.g., loan and service requests) without hardcoding, automatically routing each step to the responsible reviewer's task inbox for review and action.
- Built a dynamic service engine that lets new verification steps (e.g., third-party or university inquiries) be plugged into a workflow without code changes.
- Integrated government APIs (Civil Registration Organization, Central Bank) to validate national IDs and IBANs, and implemented nightly batch jobs to sync records such as deceased-status updates.
- Developed bulk-processing tools that let staff review and resolve large batches of requests at once, including triggering payments, to improve operational efficiency.
- Restructure database schemas and optimize heavy queries, improving performance on key queries by up to 30%.

#### Javascript Developer — *Snapp Food* March 2024 – Present

- Build and maintain landing pages for Snapp Food marketing campaigns, supporting multiple concurrent promotions.
- Develop the official Snapp Food Telegram bot, including discount codes, real-time notifications, and automated user interactions to increase engagement.
- Build an admin dashboard for managing the bot, featuring specialized reports and charts to analyze bot performance, including new users acquired per promotion campaign.
- Implement a discount-code inventory monitor with automated low-stock alerts that trigger the release of new codes, ensuring promotions run without interruption.
- Design and maintain an internal dashboard for managing in-app advertising banners, including creation, scheduling, and performance analytics for campaign optimization.

#### Freelance Software Developer — *Self-employed* March 2020 – November 2021

- Delivered multiple client projects built with React and React Native while completing mandatory military service.
- Managed full project lifecycle independently, from client requirements to final delivery.

#### Front-End Developer — *Delino* March 2018 – January 2020

- Built a restaurant management panel and an online food-ordering application for Delino's partner restaurants, including Shomron Kabab and Saedinia.
- Collaborated directly with restaurant partners to translate operational needs into product features.

#### React Native Developer — *Vira* October 2017 – February 2018

- Developed Android and iOS mobile applications using React Native for a sports-focused social networking platform centered on football.

#### Front-End Developer — *Cinema Ticket* April 2017 – October 2017

- Built campaign landing pages and improved the user experience of the movie ticket purchase flow.

## KEY PROJECTS

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### **Pension Fund E-Services Portal** (2022 – Present)

<https://es.sbbiran.ir>

Unified self-service portal where retirees access benefits, view pay statements, run inquiries, and repay installment loans.

### **Checkupto – At-Home Lab Testing Platform** (Nov 2024 – Present)

<https://checkupto.com/>

End-to-end platform for booking at-home lab sample collection, from basic panels to specialized checkups, aimed at making healthcare access faster and more convenient.

### **Klinikk Vital – Beauty Services Website** (May 2024 – Jan 2025)

<https://klinikk-vital.com/>

Lightweight, responsive website for a beauty services business, built with an SEO-focused content structure to improve service visibility.

### **DailyOff – Deals & Promotions Platform** (May 2024 – Jan 2025)

<https://dailyoff.no/>

Website for browsing and purchasing local deals and promotions, designed to help businesses increase sales and give users an affordable way to discover services and restaurants.

### **Finora WhatsApp Bot** (May 2024 – Aug 2024)

WhatsApp bot that tracks and analyzes group admin response performance, aggregating engagement data and generating reports on response speed and quality.

### **Omid Investment Bank – Fund Trading Platform**

<https://omidib.com>

Web platform for Omid Investment Bank (OIB) enabling clients to invest across the bank's various mutual funds. Integrated a bank payment gateway and connections to multiple brokerages, allowing users to buy and sell fund units and submit unit issuance and redemption requests online.

## TECHNICAL SKILLS

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**Languages & Frameworks:** JavaScript, TypeScript, React, React Native, Node.js, Express.js, React Redux

**Database and Data Technologies:** MongoDB, SQL, Sequelize (ORM), Redis, RESTful APIs, GraphQL, Query Optimization, Database Design, Indexing

**Auth & Security:** JWT, OAuth, Session-based Authentication

**Frontend & Styling:** HTML, CSS, Tailwind CSS, Chakra UI, PWA

**DevOps & Tools:** Git, Docker, CI/CD (GitHub Actions, GitLab CI), node-cron

**Practices:** Data Structures & Algorithms, Problem-Solving, System Design

**AI-Assisted Development:** Using AI tools to inform technical strategy, accelerate development, and optimize performance

## EDUCATION

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**B.Sc. in Information Technology** — Islamic Azad University, Tehran North Branch

September 2014 – January 2020

## LANGUAGES

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English — Advanced