

Alan Shabrandi

Senior Full Stack JavaScript Developer

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📍 Tehran, Iran

WORK EXPERIENCE

Hamrah Aval (Mobin Tadbir Sharif), Tehran

04/2022 – Present

Largest mobile network operator in Iran, providing telecom and digital services to over 75 million active subscribers nationwide.

Senior Frontend Developer

- Architected and maintained a high-performance Next.js video platform with SSR, ISR, and Server Components for SEO and UX.
- Refactored cloud storage frontend into feature-based modular architecture, improving code reuse and build efficiency.
- Built reusable UI components and published private NPM packages for cross-project consistency.
- Optimized Core Web Vitals from 40-60% to 80-90% using lazy loading, memoization, and code splitting.
- Mentored juniors and promoted clean code, testing, and best practices across the team.

BazaryOnline, Kurdistan Region of Iraq (Remote)

03/2019 – 08/2024

BazaryOnline connects customers in Iraq to international e-commerce, enabling orders from USA, UK, Germany, Turkey, and China, aiming to become Iraq's largest online marketplace.

Senior Fullstack Developer

- Designed modular backend architecture using NestJS, MongoDB, and Redis with high scalability and maintainability.
- Implemented secure JWT authentication with refresh tokens, logout, RBAC, and Ownership Guards for Posts & Comments.
- Developed CRUD operations with caching and rate limiting using Redis for optimal performance.
- Built real-time WebSocket notifications system for posts, comments, and messages with online user tracking.
- Documented APIs using Swagger with type-safe DTOs, validation, and error handling.
- Frontend development with React + TypeScript: reusable components, protected routes, form management with React Hook Form, and role-based UI rendering.
- Optimized backend and frontend performance, security (CSP, secure cookies, brute-force prevention), and code maintainability.
- Mentored junior developers, promoted best practices in full-stack development, and delivered production-ready solutions.

SKILLS

Technical Skills:

- JavaScript (ES6+), TypeScript
- React.js, Next.js, Redux, React Hook Form
- Node.js, Express.js, NestJS, REST & GraphQL APIs
- MongoDB, PostgreSQL, Redis, Caching, Rate Limiting
- WebSockets, JWT Authentication, RBAC, Ownership Guards
- HTML5, CSS3, Tailwind CSS, SASS

Industry Knowledge:

- Full-Stack Web Development
- Scalable & Modular Architecture
- Secure Authentication & Authorization
- Performance Optimization & Caching Strategies
- Real-Time Web Applications

Tools & Software:

- VS Code, Postman, Docker
- Jest, Cypress
- Webpack, Vite, ESLint
- AWS, Heroku, Netlify

Soft Skills:

- Problem Solving & Critical Thinking
- Team Leadership & Mentorship
- Communication & Collaboration
- Time Management & Prioritization
- Adaptability & Continuous Learning

EDUCATION

K. N. Toosi University of

Technology

Bachelor of Science in GIS