Alan Shabrandi

Senior Full Stack JavaScript Developer

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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