

# Aliakbar Esmaeili

Senior Angular Engineer | Front-End Architecture & Performance Optimization

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## Professional Summary

Senior Angular Engineer with **10+ years** of experience designing **scalable, high-performance front-end applications**. Expert in Angular ecosystems, RxJS, and TypeScript. Proven track record in **reducing load times by 35–50%**, **optimizing bundle sizes**, and modernizing legacy applications without production risk. Experienced in **microservices integration**, **CI/CD pipelines**, and **cross-team architecture leadership**. Mentor and decision-maker driving long-term maintainability.

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## Skills

- **Front-End:** Angular (v2–v21), AngularJS, RxJS, NgRx, TypeScript, JavaScript (ES6+), HTML5, CSS3, Sass, SCSS, Tailwind, Bootstrap, Angular Material, Responsive Design, Cross-Browser Compatibility
- **Architecture & Performance:** Modular Architecture, Lazy Loading, State Management, Bundle Optimization, SOLID Principles, Clean Code, Scalable Patterns, Microservices Integration
- **Backend & APIs:** Node.js, NestJS, Express.js, REST APIs, Auth & Authorization, MySQL, API Design
- **DevOps & CI/CD:** Git, GitHub, Bitbucket, CI/CD Pipelines, Docker, AWS EC2/S3/Lambda, TFS, Automated Deployments
- **Testing:** Unit/Integration Testing, Jest, Karma, Vitest
- **Leadership:** Code Reviews, Mentorship, Agile/Scrum, Architecture Guidance, Cross-Team Collaboration

## Experience

### Senior Software Engineer

Beed Education Adventures – Kuala Lumpur, Malaysia (June 2023 – Present)

- Led **front-end architecture** for an online education platform with **over 50,000 daily active users**, balancing rapid delivery with maintainability.
- Modernized three **legacy Angular apps (v7 to v20)**, reducing **bundle size by up to 45%** and improving **load time by 35%**.
- Co-developed **internal video editor (50% of implementation)** using **React & Next.js**, eliminating approximately \$20,000 per year licensing costs.
- Implemented **structured Git workflows** and **CI/CD pipelines**, improving release stability and reducing deployment failures by 60%.

- Refactored **UI text management** to support **Angular i18n**, reducing localization effort and preventing UI regressions across locales (LTR/RTL).
- Collaborated with **backend teams** on **microservices-based systems**, ensuring **clean API boundaries** and scalable integrations.

## Senior Front-End Developer

**Padidar Wellness & Fitness Services – Tehran (May 2019 – June 2023)**

- Delivered **enterprise Angular features**, improving internal workflows and **reducing task completion time by 25%**.
- Mentored **junior engineers**, led **code reviews**, and enforced **maintainable architecture standards**.
- Provided strategic guidance on **front-end architecture**, introducing **reusable component libraries** and consistent design patterns.
- Refactored **UI text management** to support **Angular i18n**, reducing future localization effort and preventing UI regressions.

## Front-End Developer

**Navaco Information Technology- Tehran (May 2016 – June 2019)**

- Developed **enterprise-scale Angular admin panels** for a **banking ERP system**, streamlining complex workflows and reducing manual workload by 30%.
- Designed and maintained **shared Angular libraries** and **wrapper modules**.
- Built **custom, reusable UI components** in collaboration with **UI/UX designers**, enforcing a consistent design system across platforms.  
Integrated Angular apps with **native iOS and Android apps via WebView**, ensuring **seamless cross-platform user experience**.
- Contributed to **Progressive Web App (PWA) development**, improving **offline access, mobile usability**, and application resilience in low-connectivity scenarios.

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## Education

**Bachelor of Computer Science | University of Tehran | June 2016**

## Languages

**English – Fluent | Turkish – Fluent**