

# Mahdi Zangeneh

Full stack Developer

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## Experiences

### Senior Front-end Developer (*Aleph-Labs, Kuala Lumpur, Malaysia - Jul 2025 – Present*)

- **EPF (Employees Provident Fund)**: EPF is Malaysia's national retirement savings fund.

They provide web portals and apps for members and employers to manage contributions, withdrawals, and statements.

- Worked closely with backend teams to integrate APIs for **real-time financial data** and ensure compliance with **government regulations**.
- Implemented **secure, user-friendly interfaces** to support online contributions, withdrawals, and account tracking.
- Enhanced UI/UX with responsive design, improving user satisfaction and reducing support requests.

**Skills set**: React Native, Redux, React Query, Typescript, JavaScript

**Mobile Application**: [KWSP i-Akaun for IOS](#), [KWSP i-Akaun for Android](#)

- **TM Unifi (Telekom Malaysia – Broadband & IPTV Service)**: Unifi is one of Malaysia's largest internet and IPTV service providers. Their customer portal lets users subscribe, upgrade, pay bills, and manage accounts.

- Built and enhanced **customer self-service portals** for broadband, IPTV, and telecommunication services.
- Ensured **cross-platform responsiveness** for mobile and desktop users.
- Improved portal usability, helping reduce customer service dependency and enhancing the **digital experience for millions of users**.

**Skills set**: ReactJs, NextJs, Scss, Redux, React Query, Typescript, JavaScript, HTML, Drupal, Vanilla CSS, Git, Gitlab, Github, Agile, Jenkins

**Website**: [Unifi](#)

### Fullstack Web Developer (*Streamline Studios, Kuala Lumpur, Malaysia - Dec 2024 – Jul 2025*)

- **DC United Heroes (Mobile Game)**: DC Heroes United is a multiplayer mobile game featuring iconic DC superheroes, where players can team up in real-time battles and complete missions.

- Utilized **PlayFab** to manage scalable game databases and player authentication.
- Developed and refined in-game features using **Construct 3**, Typescript, and **JavaScript**.

**Skills set**: Construct 3, Typescript, JavaScript, PlayFab

**Mobile Game**: [DC UNITED HEROES for IOS](#), [DC UNITED HEROES for Android](#)

## Backend Skills

- Node.js
- NestJs
- TypeScript
- Javascript
- MongoDB
- Firebase
- Firestore
- Mongoose
- Typegoose
- PlayFab
- AWS (S3)
- Google Cloud
- Stripe
- CDK
- Fortellis
- Salesforce
- JSDoc

## Frontend Skills

- ReactJS
- NextJS
- React Native
- Redux
- React Query
- TailwindCSS
- SCSS
- Bootstrap
- jQuery
- Construct 3
- Vanilla CSS
- HTML5
- CSS3
- PWA
- ShadCN

## Languages

- English – Fluent
- Persian – Native

- **Upin & Ipin Universe (Cross-Platform Game and Website):** Upin & Ipin Universe is a cross-platform game and ecosystem based on Malaysia's beloved animated series, combining console, web, and community experience.

- Built and maintained **Webflow-based** website to support the game's online ecosystem.
- Implemented responsive, user-friendly features to enhance player experience across devices.

**Skills set:** Webflow, JavaScript, HTML, Vanilla CSS

**Website:** [Upin & Ipin Universe](#)

## Backend Developer *(Lusio Rehab, Australia - Apr 2024 – Present, Remote Weekend Job)*

- **LusioMate (Rehabilitation Application & Dashboard):** LusioMate is a digital rehabilitation platform that combines wearable devices with mobile and web applications to help patients engage in physical therapy through interactive games and progress tracking.

- Implemented **new backend features and APIs** using **Node.js** to support both the mobile application and clinician dashboard.
- Fixed bugs and optimized backend processes to ensure **smooth system performance** and reliability.
- Integrated **Firebase** and **Google Cloud** services for secure data storage and real-time synchronization.
- Collaborated with frontend teams to design and deliver **scalable, efficient APIs** that improved patient and clinician user experience.

**Skills set:** Node.js, JavaScript, Firebase, Google Cloud

**Mobile Application:** [LusioMate for IOS](#), [LusioMate for Android](#)

## Fullstack Developer *(Whip Mobility, Kuala Lumpur, Malaysia - Feb 2021 – Nov 2024)*

- **Whip Mobility (Application & Dashboard):** Whip Mobility is a digital mobility platform providing automotive solutions for dealerships and customers, including payment integration, digital management systems, and service booking platforms.

- Designed, developed, tested, and debugged **RESTful APIs** using **NestJS**, ensuring scalability and maintainability.
- Built and optimized database models with **MongoDB, Mongoose, Typegoose, Firebase, and Firestore**, reducing data retrieval times by **30%** and improving overall system performance.
- Developed and maintained **serverless backend applications** on AWS (S3) for high scalability and reliability.
- Integrated third-party services including **payment gateways (Adyen, Stripe)** and **DMS platforms (CDK, Fortellis, Salesforce)**.
- Collaborated with frontend developers to document and present APIs (via **JSDoc**), ensuring efficient integration.
- Reviewed backend development work of peers to enforce coding standards, resolve technical issues, and ensure consistent design patterns.
- Contributed to an **Agile environment**, delivering features on time and driving a **30% revenue increase** through new partnerships.
- Delivered tailored features, system integrations, and platform enhancements to support business operations and customer engagement.

- Developed dynamic **user interfaces and web applications** using **ReactJS, React Query, NextJS, TailwindCSS, CSS Modules, and Redux**.
- Built responsive, mobile-friendly designs ensuring **consistent user experiences** across devices.
- Implemented **state management solutions** and optimized component rendering for performance improvements.

**Skills set:** NestJS, Node.js, TypeScript, JavaScript, MongoDB, Firebase, Firestore, AWS (S3, SMS, SNS, SQS), Adyen, Stripe, Salesforce, CDK, Fortellis, ReactJS, React Query, NextJS, TailwindCSS, CSS Modules, Redux

**Mobile Application:** [Auto Bavaria](#), [BMW Performance SG](#), [BMW Eurokars](#), and [BuyThomas \(Thomas Automotive\)](#)

## Frontend Developer *(ShahreNovin, Tehran, Iran - Jan 2018 – Jan 2021)*

- **Website Development & CMS Solutions:** ShahreNovin is a digital solutions company providing web development, CMS, and digital transformation services for various clients.

- Developed and launched **10+ responsive websites** using **HTML, CSS, React, JavaScript, and TypeScript**, driving a **40% increase in online sales** and a **25% boost in organic traffic growth**
- Built and deployed **Progressive Web Applications (PWAs)** to deliver mobile-friendly and offline-first user experiences.
- Published over **20 custom responsive websites** tailored to client requirements, ensuring **cross-browser and cross-device compatibility**.
- Implemented CMS-based solutions, enabling clients to **manage and scale content efficiently**.
- Successfully acquired **50+ new clients** requesting websites and CMS services, contributing to rapid business growth.

**Skills set:** ReactJS, TypeScript, JavaScript, jQuery HTML5, CSS3, PWA, CMS Development, Bootstrap

**Website:** 20+ Client Websites & PWAs

## Frontend Developer *(Samanama, Tehran, Iran – May 2015 – Jan 2018)*

- **Varzesh3 (Video Section):** Varzesh3 is one of the most popular sports news platforms in Iran. I developed and implemented its video section, which became the **most visited website in Iran at the time**, attracting **10,000+ daily visits**.

- Built a responsive video platform using **HTML, CSS, JavaScript, and jQuery**.
- Improved engagement by creating a **modern and user-friendly UI**, significantly boosting user retention.

**Skills set:** JavaScript, jQuery, HTML5, CSS3, Bootstrap

**Website:** [Varzesh3 \(Video Section\)](#)

- **TV PLUS (Multimedia Platform):** TV PLUS is a multimedia streaming platform providing on-demand video content and interactive features.

- Contributed to the **design and development of TV PLUS**, one of the fastest-growing multimedia websites in Iran.
- Developed responsive interfaces for **cross-device compatibility**.
- Collaborated with the backend team to integrate APIs for **real-time video streaming and user interaction**.
- Enhanced UI components to deliver a **seamless multimedia experience**.

**Skills set:** JavaScript, jQuery, HTML5, CSS3, Bootstrap

**Website:** [TV PLUS](#)