# Mahdi Zarei

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## Summary

Progressive Senior Web Engineer with **5+** years of experience designing, enhancing, and maintaining **15+ websites**, primarily progressive web applications, mainly using Angular and Ionic at [Dotin](#) Corporation, one of the top 3 companies in the banking industry of Iran, Karafarin's Negah Bank, [OMPFinex](#) cryptocurrency exchange, and a startup in London named [Elpida](#). Proficient in applying the **Domain-Driven Design pattern (DDD) and** implementing server-side rendering **(SSR)**, incremental server-side rendering **(ISR)**, and static site generation **(SSG)** techniques.

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## Experience

### Senior Web Engineer

Barsa Novin Ray • Tehran, Tehran

12/2023 - Present

- Composed 10+ dynamically generated angular components into the Barsa's core and UI systems over 3 months for 100+ clients.
- Proposed the blueprint of a chat-based platform with 10+ features and implemented the client-side in less than a month.

### Front-end Team Lead

OMPFinex • Tehran, Tehran

02/2023 - 12/2023

- Headed the **[platform](#)**, **[landing](#)**, and **admin panel** projects client-side to build a good and reliable exchange platform over **9 months of management**.
- Identified the flows in the code structure, planned a change to **Domain Driven Design (DDD) pattern**, and oversaw the progress through 6 months of hard work.
- Evaluated the company resources, hired 3 new members, formed the team structure, and mentored individuals through the challenges over the last 6 months.
- Introduced a UI kit library of 20+ components and utilities on top of Ant Design, and deployed on the company's private npm registry in 2 months.
- Managed the migration of 3 projects to the latest version of Angular and restructured the control flow to the **Angular 17** standards.

### Senior Web Developer

Negah Bank • Tehran, Tehran

12/2022 - 02/2023

- Directed the client-side of the newest enterprise project of the company, a *chat-based person-to-person money transactions PWA,* over 3 months.
- Settled a good relationship between units by communicating with the server-side development team as the leading role of the client-side team to improve teamwork over 3 months of development.

### Mid-level Angular Developer

Dotin • Tehran, Tehran

08/2020 - 12/2022

- Submitted **1300+ commits** containing **140k+ lines** of code into WePOD **[PWA](#)**.
- Completed **500+ tasks** and spent **4.5k+ hours** on the WePOD project within an **agile** team of 20+ (4 client-side development members) to develop and maintain applications written in *Typescript* & *JavaScript*.
- Structured a clean, testable, and maintainable code base, analyzed requirements, and prioritized tasks, which increased the number of users from **2k+** to **750k+** in **2 years**.

- Expedited knowledge sharing and management by **80%** across the team of 20+ developers by redesigning **Jira** workflow with two other colleagues in the **first two months**.
- Refactored the code base, which **reduced bug reports by 70% in the 1st month** of development.
- Held projects on the edge of technologies by migrating WePOD PWA and WePOD admin panel code bases to the LTS version of Angular every three months.
- Promoted twice within 12 months due to strong performance and organizational impact – ahead of schedule by **6 months**.

## Junior Full-stack Developer

YOLO Team • Tehran, Tehran
06/2021 - 02/2022
- Solved complicated mathematical problems, added **20k+** lines of code, performed refactoring and optimization, and facilitated procedures by writing queries over **MongoDB** using **mongoose** as ORM in 7 months of development.
- Coordinated in a team of 6 to Develop and maintain highly complicated game rules into a platform over six months with **200+ bug-less commits** injected into production.

## Junior Front-end Developer

Promte • Pardis, Tehran
07/2019 - 04/2020
- Developed and merged **300+ commits** into **10+ projects** simultaneously in the **first three months** with an on-time deliverance rate of **100%**.
- Upgraded codes to the latest tech to develop and maintain **10+** websites for clients worldwide, including [Elpida](Elpida), over seven months.
- Dealt with complicated mathematical problems during developing a website builder as the company's main product for over seven months and had **100+ commits** on the mentioned project.
- Gained experience in the Ionic framework by constructing 3 PWAs in three months.
- Designed and implemented more than 20 HTML pages in the Elpida project using PHP blades in two months.
- Answered **200+** (acceptance rate of 33%) questions regarding **Angular & Ionic** in [Stackoverflow](Stackoverflow) since 2018.

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## Skills

Angular, TypeScript, Nx, DDD pattern, RxJs, Ionic Framework, JavaScript, Git, Sass, Less, Tailwind, Bootstrap, jQuery, Node.js, Express.js, MongoDB

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## Education

## Mathematics

Shahid Sattari (NODET) • Varamin, Tehran
07/2015

## Applied Mathematics

University of Tehran • Tehran, Tehran
Not graduating due to following dreams as soon as possible.

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## Languages

Persian, English