

# Alireza Afshar (He/Him)

## Senior Web Developer

React, Angular, Express, Next, Node, Typescript

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Having worked as a web developer since 2014, I've improved my skills in different programming languages and collaborating with stakeholders across diverse organizations. My experiences in this field have deepened my passion for web development, fueled by my love for challenges and exploration. I firmly believe that my work experience and genuine enthusiasm make me well-prepared to excel in a web developer role.

## WORK EXPERIENCE

### Full Stack Developer | Self-employed, Contract | Jan 2016 – Present | Canada, USA, Australia

**Technical Skills:** React, Next, Express, Node, Knex, MySQL, Socket.io, WordPress, Ubuntu, Heroku, Figma, Bootstrap

- Design, development, and deployment of simple to complex software applications and systems, ensuring they meet high standards of quality and performance.
- Translate client business requirements into product features.
- Design and develop highly scalable and robust front-end systems utilizing React, Angular, and WordPress.
- Build and maintain key back-end components and APIs using Next.js, Express.js, Node.js, SQL, and other relevant technologies.
- Leverage React Context extensively for efficient state management and global data sharing.
- Design and develop custom WordPress websites from concept to deployment.
- Ensure the best possible performance, quality, and responsiveness of applications by identifying bottlenecks and bugs and devising solutions to these problems.
- Experience with SQL databases, design, schema, and building queries.
- Utilize Knex.js and MySQL2 to interact with relational databases (e.g., MySQL, PostgreSQL).
- Design robust and efficient RESTful APIs, ensuring seamless integration and interaction between system components.
- Implement reverse proxy setups, and SSL termination using Nginx.
- Proficient with Ubuntu server administration, including setup, configuration, and maintenance.
- Collaborate with stakeholders to capture and convert requirements into wireframes and prototypes, ensuring clear communication of UI/UX design concepts.
- Stay updated on industry trends and emerging technologies to recommend innovative solutions.
- Experience with front-end build tools, such as Babel, Webpack, and Vite.
- Participate in team meetings, technical discussions, and provide input on architectural decisions.
- Work directly with technology and business owners to report progress, discuss technical solutions/problems, and ensure consistent and clear development responsibilities.
- Cost estimation of project development tasks.

### \*\*\* Achievements:

- Developed a real-time web application using Socket.IO, with Express handling the server side and React powering the client side. The application dynamically updates exchange rates as they fluctuate, ensuring accurate and timely information for users.
- Leveraged React Helmet and React Helmet Async to make the application SEO and social media friendly
- Implemented an internationalized web application using Format.JS to format numbers, dates, and strings for user-friendly display based on regions.
- Designed and launched numerous corporate websites using WordPress, incorporating SEO best practices.

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### Senior Front-End Developer | Hauskey | Full Time, Permanent | Mar 2021 – Aug 2024 | Toronto, Canada

**Technical Skills:** Angular, React, Typescript, Express, PostgreSQL, Docker, Nginx, Sass, Google API, AWS, Git, Jira, Figma

- Build advanced new user-facing feature sets using Angular and React (hook) components, templates, modules, and services for various products, CMS, and software services
- Architecture, design, and implement reusable, scalable, and maintainable front-end solutions.
- Research and introduce advanced technologies and tools as necessary to identify challenges and bottlenecks in old architecture and solutions, providing information to address and resolve them.
- Integrate both internal and external-facing RESTful APIs and asynchronous request handling.
- Implement RxJS extensively in Angular for reactive programming, handling asynchronous operations, and state management.
- Design and implement context providers to streamline data flow across React components.
- Leverage Express.js on the server side to handle SSR and API requests.
- Configure Nginx as a robust server proxy for all the web applications.
- Perform SEO activities including, but not limited to, domain indexing, Hreflang, keyword research, competitor research, content, and website performance analysis.
- Experience with Angular (versions 8 and above) and React (versions 16 and above), including upgrading both frameworks and their related modules to newer versions. My recent work involved Angular 17 and React 18.
- Experience managing packages, security, and dependencies for front-end applications through Node and NPM.
- Collaborate, and design with UX/UI designers to integrate visually appealing and intuitive user interfaces.
- Work as part of an agile team to build complete, high-quality, end-to-end solutions.
- Administer and maintain standardization and configuration state management with Docker.
- Experience with both Git & Bitbucket version controls and product management tools like Trello and Jira.
- Familiar with CI/CD processes to support code releases to production.
- Document new features, enhancements or fixes to the applications, and contributing to training materials.

### \*\*\* Achievements:

- Coached and mentored other software development team members on front-end
- Designed and developed an innovative [Investment Calculator Tool](#), a first in the real estate market, enhancing user engagement and decision-making.
- Developed and implemented a ‘build once, deploy everywhere’ strategy for three distinct applications, ensuring consistent theming across different regions.
- Led a dynamic multilingual website initiative, strategically deploying Hreflang tags to elevate the user experience across diverse language versions.
- Implemented a front-end media service to convert PNG and JPEG images to WebP during build time, optimizing load times. Developed a resolution solution to deliver the best image size for each device, ensuring responsive design and high-quality visuals.
- Integrated the [Google Maps API](#) into various platforms, demonstrating proficiency in several key areas: Custom markers and styling, marker clustering, dynamic info windows, and result filtering.
- Implemented BEM (Block Element Modifier) methodology and used Sass Directives to enhance CSS simplicity, maintainability, and scalability.

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### Web Developer | Sryas Inc. | Full Time, Contract | Aug 2019 – Jan 2020 | Toronto, Canada

**Technical Skills:** DotNetNuke (DNN), MSSQL, HTML, CSS, Bootstrap

- Collaborate with cross-functional teams, including product owners, business analysts, and quality assurance specialists, to deliver software solutions that meet project requirements and deadlines.
- Present and discuss ideas and results within the team and with internal stakeholders.
- Upgrade DotNetNuke and all associated modules from version 6.x to the latest version 9.x.
- Implement modern design principles, improve user experience, and tailor the application.
- Test and document security requirements, findings, and solutions to enhance overall system security.
- Work in a collaborative and agile team help them to get to the next level

### Full Stack Developer | Arian Exchange | Full Time, Permanent | AUG 2015 – JUL 2019 | Tehran, Iran

**Technical Skills:** PHP, HTML, JavaScript, CSS, Bootstrap, MSSQL, REST APIs

- Implement Internal and external applications in HTML, CSS, and Bootstrap for responsive web design.
- Utilize JavaScript and jQuery for dynamic and interactive user interfaces.
- Architecture and design of maintainable, scalable, and efficient back-end code with PHP.
- Experience with MySQL databases, design, schema, and building queries.
- Develop and read RESTful APIs to retrieve data.
- Bridg front-end and back-end seamlessly to create end-to-end solutions.
- Manage and implement relevant SEO and monitor Google Analytics to ensure progress is made.

### Graphic Designer | Self-employed, Contract | 2009 – JUL 2014 | Tehran, Iran

**Technical Skills:** Adobe Illustrator, Adobe Fireworks, Adobe Freehand, Corel

- Design logos, catalogs, websites and other marketing materials for diverse clients across multiple industries.
- Collaborate with print houses to ensure high-quality materials that meet client specifications.
- Consult with clients to develop effective marketing strategies and improve service offerings.
- Manage multiple projects simultaneously, delivering on time and within budget.

## EDUCATION

- **BrainStation Bootcamp** | Diploma Candidate, Web Development, 2020
- **Humber College** | Ontario Certificate, Web Development, 2013 – 2014
- **Tehran University** | Master, Executive MBA, 2006 – 2009
- **Azad University** | Bachelor, Electrical Engineering, 2000 – 2006

## SAMPLE AVAILABLE PROJECTS

- [Condos Global](#)
- [Hauskey Assignment](#)
- [Arian Exchange](#)
- [American Gardens Landscaping](#)