

Mehdi Azar: Web Developer

Mehdi Azar

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LinkedIn: [Mehdi Irdmoussa | LinkedIn](#) | **GitHub:** [Mehdi Azar | GitHub](#) | **Portfolio:** [Link to Portfolio](#)

Career Summary

Full-stack web developer with hands-on experience in building responsive and scalable web applications. Proficient in modern technologies, including JavaScript, TypeScript, React, Python, and Node.js, with expertise in both **MERN** and **PERN** stacks. Skilled in designing and managing databases (SQL, MongoDB) and implementing robust full-stack applications. Adept at leveraging **GraphQL** and **Apollo Server** for efficient data management, **ORMs** like **Prisma** and **Sequelize** for database interactions, and **NestJS** for building scalable backend services. Experienced in CI/CD integrations and Docker containerization for seamless deployments. Collaborative team player with a strong foundation in Agile methodologies and version control.

Technical Skills

Frontend: HTML5, CSS3, JavaScript, TypeScript, React, React Router, TailwindCSS, Bootstrap, SASS

Backend: Node.js, Express.js, NestJS, MySQL, PostgreSQL, MongoDB, AWS, Prisma, Sequelize, Mongoose

DevOps/Tools: Git, GitHub, Docker, AWS, CI/CD Pipelines, Webpack, Firebase, Cypress

AI/ML Tools: LangChain, GitHub Copilot

Work Experience

Megasys .Inc - UI Tester

01/2020 - 09/2024

Anaheim, California

- **Worked with 2 other developers to conduct UI testing using Playwright:** Improved the efficiency of UI testing by 40% through the use of Playwright, streamlining the testing process for faster deployment.
- **Utilized Agile methodology to identify and fix bugs, using TypeScript and Automations:** Participated in Agile sprints to identify and resolve bugs across the application, implementing TypeScript and automated testing frameworks to enhance development speed and quality.
- **UI testing for Financial Servicing Application for Payment Posting, User Login, Electronic Payment:** Conducted extensive UI testing for critical financial systems including payment posting and user login, ensuring seamless user experience and error-free transaction flows.
- **Other responsibilities:** Spearheaded automation tests, increasing code coverage by 35%, reducing manual testing time by 60%, and improving the overall QA process for faster deployment cycles.

AdIQ - Web Designer for SEO Company

08/2016 - 07/2019

Costa Mesa, State/Province

- **Designed Websites for businesses for SEO purposes:** Designed and developed responsive SEO-optimized websites for small businesses, leading to a 25% increase in search engine rankings and a 30% boost in organic traffic.
- **Tech stack: HTML, CSS, JavaScript, and SEO tools:** Implemented HTML, CSS, JavaScript, and SEO tools to create websites that not only met design specifications but also exceeded client expectations for user experience and SEO performance.
- **Integrated SQL databases, WordPress:** Integrated SQL databases and WordPress for dynamic website functionality, enabling better content management and providing clients with user-friendly interfaces for maintaining their websites.
- **Created Hashtag creating tools:** Developed custom hashtag generation tools, empowering clients with more effective social media engagement strategies.

Projects

Weather Dashboard [Repo](#) | [Deployed](#) (Render)

Role: Developer

The Weather Dashboard is a web application enabling users to search and view current weather data and a 5-day forecast for cities worldwide. Users can store their search history locally, allowing quick access to previously searched cities.

- Built with: TypeScript, TailwindCSS, and Express for a modern, full-stack approach
- Features Real-time weather data for searched cities
- 5-day weather forecast display
- Persistent local storage of search history (local feature only)
- Tools/Languages: TypeScript, TailwindCSS, Express, OpenWeatherMap API
- Interactive UI with light/dark mode toggle and hover effects

Personal Portfolio | [Repo](#) | [Deployed](#) (With Netlify)

Role: Developer

This personal portfolio was built using React and TailwindCSS. The portfolio showcases my projects, skills, and experience in a clean and professional format.

- Built using React for the frontend and TailwindCSS for styling.
- Features responsive design and interactive elements like hover effects and transitions.
- Integrates with GitHub for showcasing repositories and deployment using Netlify.
- Tools/Languages: React, TailwindCSS, GitHub, Netlify
- 1-2 sentences on what the project accomplishes and my responsibilities
- Tools/Languages:

AdoptPaws | [Repo](#) | [Deployed](#) (With Vercel)

Role: Developer

- Developed a responsive E-commerce website for a pet adoption center, enabling users to explore pets, select items, and review shopping cart contents.
- Implemented efficient client-side cart functionality using JavaScript and persisted data using `localStorage`.
- Improved the user experience by ensuring cart data retention across page reloads.
- **Tech Stack:** HTML5, CSS3, JavaScript, LocalStorage.

VehicleVanguard | [Repo](#)

Role: Developer

- *Built a command-line application that allows users to create, manage, and interact with different vehicles (Cars, Trucks, Motorbikes), including special actions like towing and performing stunts.*
- *Led the design and implementation of a dynamic vehicle management system in TypeScript, incorporating complex logic for vehicle-specific actions.*
- *Promoted user interaction by offering dynamic options for vehicle control through an intuitive command-line interface.*
- **Tech Stack:** TypeScript.

Education

University of California, Irvine – Division of Continuing Education

Certificate in Full Stack Web Development

June 2024 – December 2024 (Expected)

- Coursework in JavaScript, Node.js, React, SQL, MongoDB, Python, HTML5, CSS3, and Git
- Emphasis on full-stack web development, project-based learning, and Agile methodologies
- Built hands-on projects applying technologies such as TypeScript, MongoDB, Express.js, and React (MERN stack)
- Gained practical experience in RESTful API development, test-driven development, and CI/CD pipelines
- Additional skills in **GraphQL**, **Apollo Server**, and **React Routing** for advanced data handling and client-side navigation
- Implemented **ORMs** like **Prisma**, **Sequelize**, and **Mongoose** to interact with **Postgres** and **MongoDB** databases
- Proficiency with **PERN Stack** (Postgres, Express.js, React, Node.js) alongside **MERN Stack**
- Experience with **NestJS** and **Docker** for scalable, containerized applications
- Familiarity with **Cypress** for end-to-end testing and continuous integration setups