

Milad Dehghani

FULL-STACK DEVELOPER

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About Me

I am an experienced and versatile developer with a strong passion for creating innovative web applications. I have expertise in front-end and full-stack development, including **TypeScript, Next.js, React.js, Node.js** and **GraphQL**. With a keen eye for detail and a dedication to staying up-to-date with industry trends, I have successfully contributed to various projects. I am committed to delivering high-quality results and have demonstrated strong leadership skills. I am ready to take on new challenges and make a significant impact in the field of web development.

Skills

Programming-Language

Typescript

Javascript

Front-End

React.js

Next.js

PWA

Back-End

Node.js

Express.js

SQL

NoSQL

WebSocket

GraphQL

Soft-Skill

Team Leadership

Teamwork

Problem Solver

Work Experience

Front-End Developer

Sep 2021 - Present

3 SIDED CUBE LTD

Bournemouth, England

Terramatch

- Maintained and upgraded TerraMatch, a web platform that connects local land restoration champions and provides them with support.
- Ensured **stability** and **functionality** by maintaining the existing React codebase through bug fixes and optimizations.
- **Led** the development of TerraMatch v2 from scratch using modern technologies such as **Next.js**, **Tailwind CSS**, and **Storybook**.
- Designed and implemented a user-friendly form builder to improve the overall user experience.
- Oversaw front-end feature implementation, ensured code quality, and collaborated with the team to meet project timelines.

DRB Toolkit

- Developed a Progressive Web Application (PWA) called DRB Toolkit, featuring an interactive and dynamic form.
- Generated a comprehensive business resilience preparedness PDF at the end of the flow.
- Utilized React.js and Vite.js to create a seamless and efficient user experience.

Full-Stack Developer

Feb 2020 - Jul 2021

COMMUNERE LTD

Guildford, England

Galen

- Developed Galen, a website aimed at assisting microbiologists in generating informative reports from bacteria sample data.
- Created a **UI-Kit** package to ensure consistent user interface elements across multiple projects.
- Implemented the backend API using **GraphQL** and incorporated a Rule-Engine to calculate reports based on predefined rules.

- Developed the frontend using **React**, **Apollo GraphQL**, and a custom **UI-Kit** library built with **Styled Components**.

Ceres

- Contributed as a full-stack developer to Ceres, a control and command platform for optimized growing conditions in controlled environment agriculture systems.
- Enhanced and reused the **UI-Kit** package developed in the Galen project.

Schala

- **Led** the development of Schala, taking charge of its design and development from scratch.
- Developed Schala, a user-friendly **web application (PWA)** designed to simplify game management for golf clubs and golfers.
- Successfully implemented **real-time** and **offline** features concurrently, overcoming various challenges.
- Leveraged the **MongoDB** database to accommodate the project's dynamic requirements.
- Developed multiple web scrapers using **Node.js** to efficiently extract the required information.

COVID Data Catalogue

- Developed a website using **React.js** to gather various datasets for AI projects and scientists.
- Utilized **AppBase.io** as a data storage platform.

Full-Stack Developer

Mar 2019 - Feb 2020

MONOTECH PTY LTD

Sydney, Australia

Arian Travel(Booking Platform)

- Led the development, overseeing the design and creation of the platform from scratch.
- Developed a comprehensive travel agency booking and e-shop platform utilizing React Native.
- Engaged in the entire software development life cycle, including analysis, design, and development phases.
- Successfully hosted the platform on AWS Lightsail for seamless deployment and accessibility.

Persian Bakery(Bakery)

- Led the development, assuming responsibility for the design and creation of the platform from inception.
- Developed a robust online E-shop for bakeries and confectioneries, enabling users to conveniently purchase products and access cooking timetables.
- Engaged in the complete software life cycle, taking charge of analysis, design, and development phases.
- Successfully launched the application on both the App Store and Google Play, ensuring broad accessibility for users.

Honors & Awards

Kharazmi 12th International Robotic competition Third Place

2010

THIRD PLACE

Education

Bachelor of Mechatronics Engineering

Sep 2012 - May 2017

ISFAHAN UNIVERSITY OF TECHNOLOGY (IUT)