

# Milad Dehghani

## FULL STACK DEVELOPER

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### Summary

I'm an experienced **Full Stack** web and mobile developer with five years of related experience who have got a solid background in **Javascript**, **Typescript**, **React**, **React Native** and **Nodejs**. I started programming about seven years ago as a freelance android developer, and I found my passion in full-stack development so I switched, which lead to the development of multiple platforms. I'm keen to learn new technologies and have been looking for remote jobs in Europe to gain a richer international experience.

### Skills

<b>Front-end</b>	React	Redux	JavaScript	TypeScript			
<b>Back-end</b>	Node.js	Express	Rest	WebSocket	Socket.IO	GraphQL	Apollo
<b>Database</b>	MongoDB	MySQL					
<b>Mobile Application</b>	React Native	Android Native (Java)	DJI Android SDK				
<b>Other Skills</b>	Git						
<b>Soft Skills</b>	Problem solver	Working remotely	Collaborative team player	Fast learner	Self motivated	On-Time	

### Work Experience

#### Communere Ltd

FULL-STACK DEVELOPER

London, England

Feb. 2020 - Present

An umbrella company -Software development expert- based in London. Recent clients which I worked remotely for are as follows

#### SCHALA

It's a web application (PWA) to help golf clubs and golfers manage their games with ease. Duo to client request, we added both real-time and offline at the same time which was a little bit challenging. RethinkDB is being used because of the continuous changes we had during the project. You can find the latest version of SCHALA from [Here](#)

- Golf is a highly dynamic and complex game that we achieved to cover most of its complexity.
- Designed and Developed SCHALA from scratch.
- Developed multiple web scrapper using **Node.js** to extract the informations we need.

- **Front-end** React Redux Material-UI TypeScript
- **Back-end** Node.js Express Socket.IO Firebase RethinkDB

#### Galen

It's a Website to help microbiologists create meaningful reports from bacteria sample data. I developed Galen front-end using **React** and **Pure CSS (styled-components)**.

- Created a **UI-Kit** package to use across multiple projects with the same UI
- Due to the size of the development team (2 developers) I need to work on the different part of stack myself.
- Developed a Rule-Engine and multiple endpoints of **GraphQL** API
- Developed a given design on **Figma**

- **Front-end** React GraphQL Apollo TypeScript
- **Back-end** Node.js GraphQL Apollo TypeScript MySQL

#### COVID data catalogue

It's a simple website developed using **React** to gather various datasets such as images, databases, articles, and documents to help AI projects and scientist, We used **AppBase.io** as a data storage. You can find it From [Here](#)

- React AppBase.io

### Arian Travel

It's a travel agency booking and E-Shop platform Developed using **React Native**, It's been hosted on **AWS-Lightsail**. because I was the only developer working on this project, It involved the full software life cycle, responsible for the analysis, design and development structure of the application. You can find the latest version on [App Store](#)

- **Mobile Application** React Native Redux NativeBase
- **Back-end** Node.js Express MongoDB Mongoose AWS-Lightsail

### Persian Bakery

It's an online E-shop for bakeries and confectioneries in which users buy their products and see cooking time-table. because I was the only developer working on this project, It involved the full software life cycle, responsible for the analysis, design and development structure of the application. You can find the latest version on [App Store](#) And [Google Play](#)

- **Mobile Application** React Native Redux NativeBase
- **Back-end** Node.js Express MongoDB Mongoose

### ATRAS

FULL STACK DEVELOPER

June 2017 - Jan 2019

#### Powerline information platform

It is a web-based platform designed and developed to automate the manual processes that have been common in power tower inspections, developed using **Angular.js** framework and **Node.js**.

- **Front-end** Angular.js Metial-UI
- **Back-end** Node.js MongoDB

#### Electrical Tower Inspector

It's an android application which controls DJI Drones to autonomously fly over electrical tower and captures images.

- Implemented a Native java application to connect DJI Drones
- Improvise new ideas to solve various problems
- Reduced GPS Error from 1.5-2 meter to less than 0.5 meter

#### DJI Live Broadcaster over WebRTC

It's an android application which captures DJI Drones video and broadcast it on a WebRTC Channel.

Android Native DJI SDK Intel WebRTC SDK

### Freelance projects

FULL STACK DEVELOPER

May 2015 - June 2019

#### Data Synchroniser

It's a **Node.js**, **TypeScript** Server Application which synchronizes data between an Accounting Application and a CRM.

Node.js TypeScript

#### Waterbase

It's a general CRUD server developed using Node.js for fast production inspired that supports both WebSocket and restful API by Firebase real-time database. developers can easily set the tables list in the config file and use crud endpoints.

Node.js Websocket REST

#### Smart Wallpaper

It's an android native application that automatically changes phone wallpaper inspired by the Wallpapers app developed by Google.

Android Native

## Honors & Awards

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### INTERNATIONAL

2010 **Third Place**, Kharazmi 12th International Robotic competition

## Education

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### Bachelor of Mechatronics Engineering

ISFAHAN UNIVERSITY OF TECHNOLOGY (IUT)

Sep 2012 - May 2017