

# SAMUELE ZANCA

FULL-STACK DEVELOPER

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## WORK EXPERIENCE

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### Express-Scripts - Contract

FullStack Engineer

(Apr 2021 - Present)

- Maintained a React application used by an internal operations team.
- Introduced Unit Testing, improving development workflow.
- Spearheaded the development of the new React application using updated standards with focus on Testing, integrating with other teams developing APIs.

### DecHit

Full-Stack Developer - TeamLead

(Feb 2021 - Apr 2021)

- Instructor for DecHit React Academy. Held a few crash courses. Performed Code Reviews. Getting them up to speed with Nodejs, React & Redux in 1 month.
- Lead a Team of 4 developers using the MERN stack to develop a microservice based application.
- Implemented CI/CD Pipelines using Gitlab, Jenkins, Docker and Kubernetes.
- Maintained and improved an Angular2+ application, reducing code complexity and duplication, resulting in faster development and easier integration with the Java Backend team.
- Maintained a Legacy React Cordova app while introducing best practices to facilitate a transition to React Native.

### Mia-Platform - Contract

Full-Stack Developer

(Jul 2020 - Oct 2020)

- Worked on a cross-functional team, to develop APIs and web UI dashboards for a B2B client [Foorban Srl](#).
- Developed a microservice in Kotlin using the Ktor framework, Jackson and Retrofit2 following the BFF and Saga patterns.
- Developed two React dashboards using data from the previously mentioned kotlin API and Mia's CMS.
- Developed a PDF Microservice that allows the use of HTML as a familiar DSL for creating Shipping labels, receipts and custom size invoices.
- Prototyped a React app for live previewing of the PDFs using the [Monaco-Editor](#).

### TXT e-Solutions

Software Engineer - Aerospace & Defence

(Sep 2019 - Jul 2020)

- Acted as a point of reference/mentor for developers learning: Nodejs, React.js, Redux.js & Typescript.
- Reduced bugs by 15% by adopting Typescript and helping coworkers get up to speed.
- Lead the development of a React/Typescript web control panel for operating Flight Simulators via remotely via tablet for [Leonardo SpA](#).
- Maintained c# two Xamarin Mobile apps used by [ITT Inc](#) in Automotive industry for collecting diagnostic break data transfered over wifi and low power bluetooth.
- Developed a c# app for collecting and processing flight data to reduce fuel costs in collaboration with [IATA](#).
- Developed a c# WPF Simulator for training the proper use of the [ADRIAN](#) system.

## PERSONAL PROJECTS

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### Open Source: Nighttab Browser Extension [[chrome webstore](#)]

- Co-Maintainer of Nighttab, a productivity tool for bookmark management, currently serving ~40K users.

## SKILLS

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JavaScript/Typescript, React, React Native, Redux, REST, HTML/CSS/SASS, Nodejs, Express/Fastify, C#, Java, Kotlin, Ktor, gRPC, GraphQL, MySQL, SQL, MongoDB, Firebase, Linux, Docker, Kubectl, Serverless, GCP

## CERTIFICATIONS

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### Cisco CCNA (networking)

- Network fundamentals, network access, IP connectivity, IP services, security fundamentals, and automation.