

Toni Sánchez

Barcelona. Willing to relocate.



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<http://tonisanchez.dev>

Summary

What

I develop engaging, modern and extremely automated digital products, such as mobile, web and desktop applications as well as GraphQL API and REST API, my mantra: "Scalable, Reusable, Maintainable". I achieve scalability and reusability by separating the "UX" from the "data" as far as possible and beyond. I succeed on making it maintainable by always working with TDD approach, trying to become better at testing than I am at coding. Full Stack skills, from designing a fresh prototype with Sketch to develop with React, querying mongodb, creating back end API with Node to programming a server with Express. I still don't have a favorite field yet, as long as I can use React on a daily basis.

How

Passionate about functional programming. I am not scared to use mathematical thinking. My mind thinks in JavaScript, my stack is MERN, but I choose to live the JS fatigue, always ready for next framework. Android/iOS apps with React Native, desktop apps with Electron JS or Java. I can work with jQuery instead of React or complementing it, PHP instead of Node, Python instead of Java and SQL instead of Mongo, although I would not choose that stack and therefore I am not that creative with it as with MERN.

When

UX/UI of the applications mystaff.io, a+ and ticktax were designed and prototyped by me using Sketch. All applications listed here are developed with React. Despite earlier versions of a+ application that were querying SQL with PHP in the back, earlier versions and the rest of the applications are querying MongoDB using Node. There is no scalability without Redux, I implement it 99% of the cases, even when the project looks apparently small. Probably no one cares, but I also tend to work with SASS or other pre-processors when project gets too big.

Experience



Full Stack Developer / IT Staff

Ilia Consulting | ETL GLOBAL

Sep 2019 - 2020

Automation of accounting processes with Scripts. Developed internal tools in React, PHP and SQL. Other IT and Accounting support tasks.



Full Stack Engineer

Self-employed

Jul 2019 - Present

Applications developing (updating info soon):

Name: ***

Release: September 2020

Description: Web/Mobile/Desktop app for time logging with geolocation, signing documents online and automation of HR processes.

Stack: Server programmed in Node using Express. All CRUD operations querying MongoDB. Scalable and reusable front end built with React and tested with Jest. E2E Testing with Cypress.

Name: eTaxes.app

Release: October 2020 (lite version)

Description: Web/Mobile/Desktop app. Fully automated accounting/taxation suite for freelancers and small companies. OCR tools, chatbot, and many other tools. Integration with Sage, A3eco and many others.

Stack: Server programmed in Node using Express. All CRUD operations querying MongoDB. Scalable and reusable front end built with React and tested with Jest. E2E Testing with Cypress.

Name: ***

Release: 2021

Description: User friendly application to create chat bots with 0 coding/AI knowledge.

Stack: Server programmed in Node using Express. All CRUD operations querying MongoDB. Scalable and reusable front end built with React and tested with Jest. E2E Testing with Cypress.

Education



University of Helsinki

Bachelor's degree, Computer Science

2020 - 2023

Completed courses:

- Full Stack Open. MongoDB, Express, React, Node. (9 ECTS)
- Full Stack Open Project (10 ECTS)
- Introduction to Programming. Java I. (5 ECTS)
- Advanced Programming. Java II. (5 ECTS)
- DevOps with Docker (3 ECTS)
- Elements of AI (2 ECTS)

aat AAT

Advanced Diploma in Accounting (Level 3), Accounting and Finance

2018 - 2019

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Advanced Certificate in Bookkeeping (Level 3) [Part of AATL3], Accounting and Finance

2019 - 2019

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Foundation Certificate in Accounting (Level 2), Accounting and Finance

2017 - 2018

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Award in Bookkeeping (Level 2) [Part of AATL2], Accounting

2018 - 2018



Universitat Pompeu Fabra

Bachelor's degree, International Business Economics (Not finished, 1st year only)

2015 - 2016

Licenses & Certifications



Microsoft Office Specialist: Excel 2016 (MOS) - Microsoft Certifications



Microsoft Technology Associate: Introduction to Programming Using HTML & CSS - Microsoft Certifications



Excel 2016 Expert: Interpreting Data for Insights - Microsoft Certifications

Skills

MongoDB • Express.js • React.js • Node.js • GraphQL • Java • Amazon Web Services (AWS) • Heroku • Docker Products • Jest