

Florin Onciu

Software Developer



Florin Cosmin Onciu

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Skills

Frontend Development, Single Page Applications, JavaScript/TypeScript React, Redux, Angular, jQuery, Jest, Puppeteer, Cypress, Test Cafe, Architecure, UI/UX, Sass, CSS, Tailwind CSS, Docker. Unit, integration, E2E and visual regression testing.

I have a couple years experience with software development with a focus on frontend solutions (single page applications, browser extensions, hybrid apps etc.).

As a software developer I like to experiment with the latest technologies and continuously improve my knowledge and understanding. I thrive in a collaborative environment where pair programming, code reviews and agile is the norm and I think work can and should be fun. I am happy when I can deliver polished experiences and I can be proud of the contributions I have. I also like to believe my work is meaningful and brings a positive value to as many users as possible.

Experience

Schneider Electric / Software Engineer

APRIL 2019 - APRIL 2021, KOLDING

I have worked on a frontend platform built with **Angular** and **TypeScript**. I lead the effort to migrate from a **Webpack** based build system to **Angular CLI**. In the process I have also improved and modernized the technology stack, test setup (unit, integration and end to end tests using **Jest** and **Puppeteer**), state management (using NgXS which is a **Redux** like library for Angular, and Immer) and overall build performance.

I have also built a fully tested **Preact** app which is a smaller library compatible with **React**. It was built as an extension to **Zendesk** Ticketing System using Zendesk API's and design system.

I've also been a core contributor to a new reporting tool that could download and process data from **Azure Blob Storage**, and finally generate and output pdf reports back to the cloud. This tool has been built with **Node.js**, **TypeScript**, **Puppeteer** and **Docker**. I've also integrated visual regression testing using **Jest** and visual snapshots to increase our confidence in the product.

MV Nordic / Frontend Developer

FEBRUARY 2018 - MARCH 2019, ODENSE

My day to day tasks were to maintain older products, to design and develop a new browser extension and a new internal tool. Here I improved the **CI pipeline** for a web extension and helped with some nice features (OCR/Optical Character Recognition, better text selection for iframes etc.) Here I lead the efforts of building a new internal tool with **React**, **Redux** and **Material UI**. I've also gained more experience with end to end tests using **CodeceptJS**.

Agrosoft A/S / Frontend Developer

JULY 2013 - JANUARY 2018, TØRRING

My primary task was to develop and maintain SmartPigs. SmartPigs is a web/hybrid application that helps farmers to manage their farms. The app is very flexible but handles well all the complexity presenting to the user a simple and intuitive experience. It works in offline mode (using IndexedDB and Local Storage), communicates with external Bluetooth devices, shows pdf reports etc. I was the only one to work on the frontend/mobile and used many modern technologies at that moment such as Webpack, Babel, Eslint, Bootstrap, Sass etc.

Matematik Center Odense / Math Tutor - Voluntary Work

JULY 2013 - JANUARY 2018, ODENSE

Since January 2013 until June I have helped high school students with their math related lessons and homework. Most of the time I had to explain math in Danish.

Microting A/S

During my education I have been doing my internship at Microting where I worked on smaller POC projects for one of their products. I have worked with Linux, Android, PhoneGap, Google Maps API, jQuery, Bootstrap and Sass.

Education

Erhvervsakademiet Lillebælt Odense / Bachelor of Product Development and Technology Integration

2011 - 2013, ODENSE

Erhvervsakademiet Lillebælt Odense / AP Graduate in IT Technology Electronics

2009 - 2011, ODENSE

Automation and Computer Science Faculty - Gh. Asachi University / Computer Science

2006 - 2009, IASI - ROMANIA

Before I came to Denmark I studied Computer Science for 3 years in Romania, but I have discontinued my studies there since I wanted to be more independent and have an international experience.

Other skills

- **Programming Languages** – Web technologies (HTML, CSS, JavaScript/TypeScript), Node.js, I have also used sparingly other programming languages when needed (Scala, Java/Android).
- **Git** – I have used common Git workflows with Bitbucket, Github, Azure Devops.
- **SCRUM** – I practiced SCRUM/Agile methodologies with software like Team Foundation Server, Jira or Trello.
- **Design Tools** – I have used Adobe Photoshop, Adobe XD, Figma etc.
- **Docker** – I have used Docker to implement visual regression testing such that tests are not flaky or tight to a specific OS.
- I do contribute to open source although not significantly (usually small patches for bugs that I find while I use a library, issue bugfixes etc.) and have published a few small npm packages

(for example: <https://www.npmjs.com/package/use-tetris>). Also, most of the code I do for fun is openly published on Github (<https://github.com/bboydflo>).

Interests / Other Details

- **Technology** – I like to learn more about other programming languages and I am currently interested in functional languages. I have started a learning group in Vejle called **freeCodeCamp** Vejle for those who want to learn more about web technologies but I had to put it on pause due to other activities. I always seek to improve my knowledge and be up to date and I often take online courses, go to tech conferences or watch them online, try out new technologies or approaches, read developer/technology newsletters or even following favorite tech people on social media (twitter and github) etc.
- **Dance (Hip Hop) and music** – Breakdance and the entire street culture has played an important role for me when I was in highschool and I have been part of a breakdance crew for a couple of years. I still enjoy watching breakdance contests and enrich my musical taste with newer or older music. Before starting practicing Breakdance I was a huge fan of electronic music and I started to create my own sounds and music with the help of a computer.
- **Sport** – women handball, tennis and football in this order. I used to be a big football fan, but not so much anymore. I still enjoy playing football once in a while.
- I used to be an active member of Grønt Forum in Vejle. I am involved in VEN's (Vejle Expat Network) activities where I met and made a lot of friends. I am also part of a Romanian Danish Association here in Trekant Område.