

# ZOTTI

# DANIEL



Creative Web Developer



## CHEERFUL | CREATIVE | OPTIMIST | ORGANISED | PRACTICAL

[www.danielzotti.it](http://www.danielzotti.it)

/in/danielzotti

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/DanielZotti

“ I love learning new things as well as meeting and getting to know new people. Even though having free time for myself to improve my skills and my abilities is very important to me, I always dedicate as much spare time as I can to my friends and family. ”

### BACKEND



### FRONTEND



### CMS

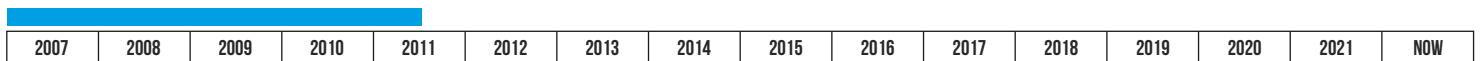


### GRAPHIC



Degree in  
Computer engineering  
UNIVERSITÀ DEGLI  
STUDI DI TRIESTE

## ← EDUCATION



I.R.C.C.S. BURLO GAROFOLO

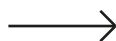
BLINKING

PROMOSCIENCE

WÄRTSILÄ

BITROCK

# WORK



WEB DEVELOPER

FONDAZIONE ITS VOLTA  
PROFESSOR



## My story as a web developer

- 2008** I start my career as a full stack developer in **PHP**.  
I develop a new appreciation for **LINUX** and I start to use **LAMP** stack (Linux, Apache, MySQL, PHP)
- 2009** In order to improve the UX in my applications, I introduce a lot of "**VANILLA**" **JAVASCRIPT** code.  
I start to write async code (**AJAX**) to improve even more the usability.  
To enhance the UI I increase my **CSS** skills and I embrace the **SMACSS** guidelines.
- 2010** I realize that supporting different browsers (and versions) implies writing much more JavaScript lines of code, furthermore it forces me to "dirty" my application logic.  
I discover the **JQUERY** library; writing JavaScript code becomes easier and my code is automatically fully supported by whole browsers.
- 2012** I create **MY OWN CMS** developed in **PHP**, in order to manage my websites.
- 2013** I need to develop a lot of websites and I decide to use **DRUPAL CMS** (PHP) in order to be more productive.
- 2014** I start to work with another developer.  
We develop tailored "enterprise" applications using **CONTINUOUS DEPLOYMENT** (CD) with **JAVA** back end and **ANGULARJS** front end.  
We use **GIT** as version control system and **JENKINS** for CD on our Linux servers.  
Back end is built on **SPRING** MVC framework and we use **HIBERNATE** as our default ORM.  
I become aware of **SASS** (CSS extension) and I systematically integrate it on all my projects to write highly maintainable and reusable code.
- 2015** After a while we decide to split our job in two main tasks in order to speed up the development process: **I MANAGE THE FRONT END PART** and he handles the back end. I start using **ANGULARJS** to develop single page applications (**SPA**). We develop standard **WEB API** to let client and server communicate.  
  
I change my job and I start working for a company which uses **WINDOWS** as main platform; I start to write **C#** code.  
In the following 4 years I incrementally introduce into company's workflow what I've learnt by my self in past years (GIT, CI, AngularJS, SCSS, ...) and I **SIGNIFICANTLY INCREASE THE SOFTWARE QUALITY** and **SPEED UP THE DEVELOPMENT PROCESS**.
- 2016** **ANGULAR** is released (AngularJS 2.0); it's written in **TYPESCRIPT** and uses reactive programming (**RXJS**).  
  
I continue studying these programming aspects and I actively participate in **ONLINE COMMUNITY**. I try to share more and more my personal open source projects on **GITHUB**.
- 2017** I introduce **REDUX (NGRX)** and **STATELESS/STATEFUL COMPONENTS** pattern on my web applications which become more maintainable and scalable. I continue to study in depth the Angular framework.
- 2018** I teach a class for the first time (Fondazione ITS Volta) and **I GET SO MUCH PASSIONATE ABOUT TEACHING** that the next year I do it two other courses.
- 2019** I publish my first **NPM PACKAGE FOR ANGULAR** on npmjs.org, available to the community.  
  
I get passionate about **PWA** (Progressive Web Application) while I develop an online **GAME** for mobile devices. I transform my personal website in an Angular **PWA** introducing also the **SSR** (Server Side Rendering).
- 2020** I change my job and I start working on **AMAZON AWS**. I write my first **LAMBDA FUNCTION**.  
I develop in **PYTHON** using a lot of features of the **PANDAS** library.  
  
In my spare time, I start studying **REACT** (with Typescript) and its **HOOKS**.  
I "**DOCKERIZE**" all the web applications on my linux server.
- 2021** I change my job again to work exclusively with **FRONTEND TECHNOLOGIES**.

# WORK EXPERIENCE



FROM  
**May 2021**  
TO  
**NOW**

**FRONTEND  
DEVELOPER**



BITROCK S.R.L.  
Via Borsieri, 41 - 20159 Milano (IT)

## ACTIVITIES

- ▶ IT consultancy about **frontend** technologies
- ▶ Internal training for developers

## RELEVAN TECHNOLOGIES

- ▶ Frameworks: **VueJS, Angular**
- ▶ Libraries: **React, RxJs, NgRx, Redux, GraphQL**
- ▶ Other technologies: **Microfrontend**

## SKILLS



- Redux (NgRx)
- RxJs
- Stateless & Stateful component pattern
- Custom UI kit

# WORK EXPERIENCE



FROM

**Mar 2020**

TO

**Apr 2021**

**WEB DEVELOPER**



WARTSILA

Loc. Bagnoli della Rosandra, 334 - 34018 San Dorligo della Valle (TS) - Italia

## ACTIVITIES

- ▶ Design and development of internal **web app** based on **Angular** e **React**
- ▶ Data analysis with **Python**
- ▶ Design and development of **AWS Lambda** in **Python** and **NodeJS (+ TypeScript)**

## RELEVANT PROJECTS

- ▶ "Wartsila fleet activity" web app to monitor Wartsila fleet utilization
- ▶ analysis based on AIS (Automatic Identification System) data

## MAIN SKILLS



## SECONDARY SKILLS



- AWS
- PostgreSQL
- Redshift
- Athena
- Atlassian suite (Bitbucket, Jira, Bamboo, ...)
- PowerBI
- GIT (source code management)

# WORK EXPERIENCE



FROM

**Jun 2015**

TO

**Feb 2020**

**WEB DEVELOPER**



# promoscience

PROMOSCIENCE S.R.L.

Loc. Padriciano, 99 - 34149 Trieste (IT)

## ACTIVITIES

- ▶ Design and development of **websites** based on **Umbraco CMS**
- ▶ Design and development of **tailored web applications**

## RELEVANT PROJECTS

- ▶ phonebook stand-alone app + website integration (ICTP)
- ▶ research proposal management to use nanoscale infrastructure (NFFA Europe)
- ▶ helpdesk system to support intellectual property (PuntoCartesiano)

## MAIN SKILLS



- Redux (NgRx)
- RxJs
- Stateless & Stateful component pattern
- Custom UI kit

## SECONDARY SKILLS



- MS SQL Server
- PostgreSQL
- Entity Framework
- .NET Framework
- TFS (source code management)
- GIT (source code management)

# WORK EXPERIENCE



FROM

**Jun 2018**

TO

**Feb 2020**

**PROFESSOR**



FONDAZIONE ITS VOLTA

AREA Science Park – SS 14 km 163,5 Basovizza – 34149 Trieste (IT)

## ACTIVITIES

- ▶ TIB course: "Medical Devices Software and Mobile Health"
- ▶ TIB course: "Web Programming"

## COURSES ARGUMENTS

- ▶ HTML
- ▶ CSS
- ▶ JavaScript
- ▶ mHealth definition
- ▶ overview of different types of mobile app
- ▶ web application structure
- ▶ web application mobile friendly

## SLIDES

- ▶ <http://bit.ly/mhealth-2019>
- ▶ <http://bit.ly/programmazione-web-slides>

## MAIN SKILLS



## SECONDARY SKILLS

- IDE
- Version control system
- Ajax
- Responsive Web Design
- Web API
- Superset
- Toolkit
- Framework and libraries
- Package manager

# WORK EXPERIENCE



FROM

**Jun 2014**

TO

**Jun 2015**

**WEB DEVELOPER**



## Blinking

BLINKING DI ALESSANDRO UMEK

via Damiano Chiesa, 92 - 34128 Trieste (IT)

### ACTIVITIES

- ▶ Design and development of **websites** based on **Dupal CMS**
- ▶ Design and development of **tailored web applications** and **business management databases** in support of dealers
- ▶ Design and development of **e-commerce websites**

### RELEVANT PROJECTS

- ▶ 3D website ([www.blinking.eu](http://www.blinking.eu))
- ▶ real estate agency website ([www.operaimmobiliarets.it](http://www.operaimmobiliarets.it))

### MAIN SKILLS



### SECONDARY SKILLS



- MySQL
- Hibernate ORM
- Spring framework
- GIT
- Nginx
- Jenkins

# WORK EXPERIENCE



FROM

**Jun 2008**

TO

**Jun 2015**

**WEB DEVELOPER**



**I.R.C.C.S. BURLO GAROFOLO**

via dell'Istria, 65/1 - 34137 Trieste (IT)

## PUBLICATIONS

- ▶ Design and development of a computer program for the evaluation of the healthcare executive - biomed 2010

## ACTIVITIES

- ▶ Design and development of **websites** based on **Dupal CMS**
- ▶ Design and development of **tailored web applications** and **business management databases** in support of researchers and administrative staff
- ▶ **Insiel's** software parametrization

## RELEVANT PROJECTS

- ▶ public tender management software
- ▶ software for the screening of neonatal auditory diseases in region F.V.G.
- ▶ intranet to manage Burlo Garofalo's computers, servers and network devices
- ▶ web application to manage research activity of Burlo Garofalo
- ▶ web application that implements the M-Chat (Modified Checklist for Autism in Toddlers)

## MAIN SKILLS



## SECONDARY SKILLS



- MySQL
- Gestione server Linux
- Gestione rete ospedaliera
- Nginx





March 2018

Fabio Biondi  
GOOGLE DEVELOPER EXPERT



## Mastering Angular

FABIO BIONDI

Verona

Sep 2006 - Jul 2011



UNIVERSITÀ  
DEGLI STUDI DI TRIESTE

## Degree in computer engineering

UNIVERSITÀ DEGLI STUDI DI TRIESTE

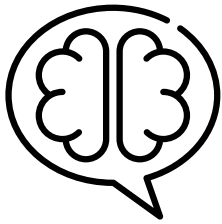
Piazzale Europa, 1 - 34127 Trieste (IT)

Sep 2001 - Jul 2006

## Scientific high school diploma

LICEO SCIENTIFICO STATALE "GALILEO GALILEI"

via Mameli, 4 - 34139 Trieste (IT)

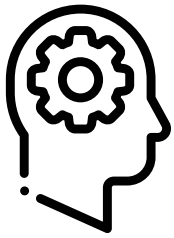


## PERSONALITY

I am a **CHEERFUL** person who likes making **NEW FRIENDS**.

Anyone I have met in my life has taught me something new and allowed me to learn more about myself. I am very **CAREFUL TO DETAIL**, perhaps a little too much sometimes.

I love joking around and **HAVING A GOOD LAUGH**, and I always try to find the silver lining in every situation.

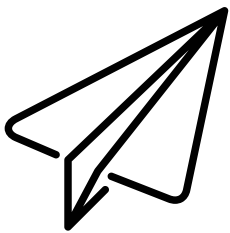


## ORGANISATION, COMMUNICATION AND MANAGEMENT SKILLS

I am **VERY TIDY** and disciplined and, whenever necessary, I try to solve any problem as quickly and effectively as possible.

I am a **FAST LEARNER** and I **WORK WELL WITH OTHERS**, especially when team effort is required.

I am not a great public speaker but I am very **RATIONAL AND ORGANISED** and I am very good at laying out concepts clearly for others



## CREATIVE SKILLS, SPORTS AND HOBBIES

As a creative person, I try to bring **CREATIVITY TO EVERY ASPECT OF MY LIFE**: at work, during my spare time and when I play sports.

I have played **FOOTBALL** at a competitive level for more than 20 years but now I play with friends in a 7-player team in a tournament of Trieste.

I enjoy **RUNNING** and I have played different sports over time. I have also participated in a couple of editions of "**FISHERMAN'S STRONGMAN RUN**" and "**RAMPIGADA SANTA**".

I love **DIVING** and I am proud to say that my friends and I won 5 editions of "**OLIMPIADE DELE CLANFE**". In the tenth edition we also won the "**MORBIN**" prize, of which I am especially proud.

I have been playing the **PIANO** since I was 4, but since I went to university I haven't had the time to take lessons and I only play as a hobby, composing a piece every now and then.

In 2012 and 2018 I won the **AIR BAND CONTEST** with my band "Ban Halen" using some mashups I created.

I love theme parties and "**CARNEVALE**". At home I have many costumes that I made myself and every year during "Carnevale" I organise a "group costume" with my friends.

I like making **SHORT FILMS**, **FUNNY PHOTO MONTAGES**, and **GRAPHIC DESIGN** in general.

In 2017 I **WON** the contest "**INVENTO TRIESTE**", which was organised by the municipality of Trieste, by achieving first place in all the three categories: video, slogan and logo.