ALEXANDRA BETOUNI
Senior Software Engineer

Residence

Athens, Greece

Phone Number

+49 (1523) 8980 795

Email

alexandra.betouni@pm.me

Website

https://alexandrabetouni.com

LinkedIn

https://www.linkedin.com/in/
alexandrabetouni/

GitHub

https://github.com/alexandraB99

Education

BSc in Computer Engineering,
University of Thessaly

Languages

Greek
English
Spanish
German

Objective

Managing Director at Extenly, a company that provides Qt consultancy services, previously: Senior Software Engineer at the Qt Company, BlackBerry10 OS Cascades app developer, UX Developer at Pelagicore (currently Luxoft/DXC), UX Design Technologist at VW, freelance software consultant Qt/QML services. Also author of 2 online courses and certified SCRUM MASTER in agile methodology holding the PSM I certification.

I have several years of experience on building award winning Qt/QML medical device prototypes and mobile apps but as well as large scale production automotive projects. During my career path, I have helped major automotive companies to build high quality products and prototypes living and working in countries like Germany, Spain, Ireland and Greece.

In my spare time, I act as an events manager in a concerts promotion company, I'm a bass guitar player, enjoy everything about music, exercising, socializing, building small embedded prototypes, organizing Qt events in my area and as well as joining conferences, trainings and meet-ups worldwide as an attendee as well as a speaker.

Employment History

Self-employed   Jan '18 – Dec '20 & Jul '21 - Present
Freelance Software Consultant - Managing/Technical Director, Extenly Project Ltd
I have been helping clients and their clients to develop high quality Qt/QML HMI and desktop applications. During this time I have worked with Luxoft, VW, SEAT, Alpine among others in tasks including but not limited:
- Development of HU application using CAN to control car peripherals.
- Core UI Developer for Neptune UI, the reference UI of the Qt Automotive Suite, making sure it runs on Mac-Linux with wayland, input handling, UI architecure, integration with backend services, styling, theming, asset handling, perfomarce optimization, etc.
- Development of multi-screen/user Qt/QML application, for autonomous vehicle.
- Development of WebOS GUI application, used YOCTO and complete embedded development cycle on the board (RPi).
- Qt/QML trainings, guidance and guide preparation for internal teams, assistance to leading figures with presentation points.
- Cross border development and PM assistance with teams in various locations in the world.
- Qt/QML UI Implementation of smart home device, used Arduino and RPi boards.
- Qt/QML UI Implementation & UI Team Lead for crypto wallet and decentralized messenger/browser desktop app

The Qt Company   Jan '21 – Jun '21
Senior Software Engineer, Professional Services
Conducting Qt/QML trainings and workshops to customers and helping Qt framework users and clients to solve their issues showing best practices and providing how to advices.

Volkswagen Group Future Center Europe GmbH   Jul '17 – Dec '17
UX Design Technologist
Researching, testing new technologies and concepts in order to inspire the entire Volkswagen Group. Also had the role of the Qt/QML expert driving presentations, trainings and Qt related projects. Tasks including but not limited:
- Qt/QML mentoring to the local team.
- Responsible for joint project between VW US and Europe, and for keeping local board with up to date software.

Luxoft GmbH.   Sep '16 – Jun '17
UX Developer
Wrote several UI components and co-worked on the architecture of the UI for Daimler's MBUX as well as Neptune UI. Tasks including but not limited:
- Qt/QML implementation of Car, Media, Radio, Core UI applications among others, as well as widgets and Virtual Keyboard domains for the MBUX HMI. Cross border development with teams in various locations in the world. Replacing scrum master on his days of absense.
- Core UI Developer for Neptune UI, the reference UI of the Qt Automotive Suite, implementing new widgets and a widgets gallery among others.

Pelagicore AG   Sep '14 – Jun '17
UX Developer
Wrote several UI components and co-worked on the architecture of the UI for Daimler's MBUX as well as Neptune UI. Tasks including but not limited:
- Development of award winning medical device prototype (biological samples analyzer), DiagCORE, UX Design Awards 2018.
- Qt/QML implementation of Car, Media, Radio, Core UI applications among others, as well as widgets and Virtual Keyboard domains for the MBUX HMI. Cross border development with teams in various locations in the world. Replacing scrum master on his days of absense.

Presentations & trainings

QtMeetup Barcelona '18 - *Presenter*
"An introduction to Qt Automotive Suite and its different Components"

FOSSCOMM Heraklion '18 - *Speaker*
«Γιατί το Qt5 είναι το μέλλον» (Why Qt5 is the future)

University of Thessaly '18 - *Trainer*
«Εισαγωγή στο Qt5 - Γιατί το Qt5 είναι ένα σημαντικό εργαλείο στα Ενσωματωμένα Συστήματα» (Embedded Systems class Qt training), created small Qt application that was controlling a LED light using an Arduino Uno board (find it on GitHub)

QtDay Florence '19 - *Speaker*
"A "cute" Modern Automotive HMI", watch on Youtube

Udemy online course - *Author*
"Application and prototype development with QML & Qt5"

QtGreece Athens '19 - *Speaker, Organizer*
"Building production-ready and reusable UI prototypes in QML", watch on YouTube

QtDay Florence '20 - *Speaker*
"QML prototyping: Creating production ready and reusable code", watch on YouTube

Udemy online course - *Author*
"Embedded Development with Qt5 from scratch!"