



Örs-Krisztián Patakfalvi

Full stack software developer

Developer with specialties in JavaScript across the whole stack, spiced with a great deal of enthusiasm towards DevOps and Kubernetes.

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WORK EXPERIENCE

Software Developer, DevOps Engineer Codespring

09/2018 - Present

Cluj-Napoca, Romania

Outsourcing company

Projects/Task:

- Design, development and deployment of a complete microservice solution capable of receiving, processing, storing, analyzing and visualizing the data of tens of thousands of IoT devices communicating various information from telecommunication sites all over the country.
- Development and deployment of a system, which combines tracking, optimization and safety for industrial operations utilizing positioning and location technology.
- Maintenance and feature development of an existing Android navigation application.
- Development of a web application for managing temporary earthings on transmission lines digitally.
- Holding Kubernetes presentations for the employees.
- Mentoring bachelor students.

Intern - R&D Engineer Nokia

07/2017 - 09/2017

Budapest, Hungary

Projects:

- Development of an online tool for speeding up the configuration of the telecommunication servers at Nokia.

EDUCATION

Erasmus+ Charles University

2020 - 2020

Prague, Czech Republic

Data Analysis and Modelling Babeş-Bolyai University

2018 - 2020

Cluj-Napoca, Romania

Computer Science Babeş-Bolyai University

2015 - 2018

Cluj-Napoca, Romania

SKILLS

JavaScript

MERN

Node.js

Express.js

React.js

MongoDB

Redux

DevOps

Docker

Kubernetes

Helm

Rancher

Microservices

Python

Java

React Native

Redis

Kafka

PostgreSQL

TimescaleDB

PERSONAL PROJECTS

LocalHandy (localhandy.ro) (08/2019 - Present)

- On demand application for finding professional/handyman for certain jobs. The user can search among the masters and can post jobs, meanwhile a professional can send proposals for these jobs.

Daily Challenge (12/2017 - 07/2018)

- As diploma project with one of my colleague we decided to create an application for various challenge management. The result is a cross platform application for the publicity, written in React Native. A website for administrators and content managers in React and a Node.js server behind the services.

Infinite Fall (06/2016 - 01/2017)

- Together with one of my colleague during the first year of the university we decided to start learning Mobile App Development. Not long after we released our first application, a little game, called Infinite Fall.

ACHIEVEMENTS

Hackathons

2nd and 3rd places on a 48 hours hackathon where we worked out and developed a prototype for traffic and parking optimization and an application for herb recognition using AI and a mobile application.

Robotics competitions (2013 - 2014)

During the high school participated in several local, national and international robotics contest (Researchers' Night, FLL) where me and my team reached 1st, 2nd and 3rd places as well.

LANGUAGES

Hungarian
Native or Bilingual Proficiency

English
Professional Working Proficiency

INTERESTS

Photography

Cycling

Skiing

Traveling

Music

Board game

Electronics

IT

Drone

Reading