




# TAMÁS BERKI

## CONTACT


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Hungary

 20 July 1998

## WORK EXPERIENCE

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### mWave Networks Kft., Kecskemét, Hungary

2016 Nov. -  
Manager

#### My tasks

- Designing and implementing IT systems for government buildings, offices and municipalities
- Designing and implementing open access wireless networks for municipalities (European Union - INEA, WiFi4EU initiative)
- Designing and implementing surveillance systems (Ubiquiti, Dahua Technologies)
- Backup solutions for ISO 9001 certified companies and government organization (Hungarian Chamber of Agriculture Bács-Kiskun county directorate)
- Designing and implementing websites and online services

#### Used technologies

MikroTik RouterOS, Cambium Networks cnMaestro, Ubiquiti Network Management System, Cloudflare, **VMware vSphere**, **Docker**, **Debian**, Duplicati, **Git**, Elasticsearch, fluentd, Redis, Traefik, Prometheus, Wordpress

Used programming languages, markup languages

**Bash**, PHP, SQL, Java, Python, YAML, TOML, HTML/CSS

## Other experience

Technologies

**Kubernetes**, Spring Framework, Laravel Lumen, Angular, **Jenkins**, Keycloak, FreeNAS

Programming languages, markup languages  
JavaScript, TypeScript, C

## STUDIES

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### University of Szeged

2017-2021

Computer Science BSc, Software Developer specialization

Projects I made during university studies can be accessed at [edu.btj.hu](http://edu.btj.hu) (Hungarian).

### Bányai Júlia Grammar School, Kecskemét

2009 - 2017

### English Language Exam

B2, complex

## COMPETITIONS, PLACES

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### JunctionX Budapest 2019

Magyar Telekom Technology Award

48-hour international hackathon

Our task was to design an IT system for employees of Magyar Telekom that would make their everyday life at the company easier.

Our solution was a system based on microservices using Amazon AWS serverless architecture which connects several (new and available) services (e.g. parking) and makes it accessible on a unified interface.

## SZTE ACM Cup 2018

Second place

Programming competition, solving algorithmic tasks, organized by University of Szeged

Competition based on the international ACM with the same tasks and problems.

## SZTE SED Cup 2018

Third place

Programming competition, 5-hour hackathon, organized by University of Szeged

## FIRST LEGO League 2013

First place, Hungary

Programming a LEGO Mindstorms NXT robot (complete the predefined map as soon as possible), designing and presenting a project about a general problem (which was environment protection that year).

## FIRST LEGO League 2012

First place, Hungary

Programming a LEGO Mindstorms NXT robot (complete the predefined map as soon as possible), designing and presenting a project about a general problem (which was senior problems that year).

## HOBBIES

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Movies, series, microelectronics, video games