# Mátyás Budavári

Software Developer Team Lead

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I believe that learning is a lifelong process. **Software engineering** today is an ever-changing industry. I like to keep track of its changes, and I deliberately **strive to be better** at what I do. In my spare time, I like to **expand my knowledge** besides the technologies we use at work and write **blog posts** about them.

## WORK EXPERIENCE

**ex-Starschema**, **Budapest**                                    *Senior Software Developer Team Lead*

Currently working here since **Jan. 2019**

    I work as a **full-stack web developer**. I love **DevOps** related tasks and working with **databases** and setting up connections or integrations to third party services. Besides my development tasks, I always aim to improve the **developer experience** on my projects. As a senior developer I participate in **architectural design** and **planning** for incoming projects. I'm also a **team lead** of five developers. I'm there when they need any support. I follow how they're doing and help them **grow**.

- React.js
- Go
- Kubernetes
- Python
- TypeScript
- AWS

**MioLabs**, **Alicante**                                                             *Full-stack developer*

12 months from **Jan. 2018** to **Dec. 2018**

    At MIO Research Labs we developed a web framework in **TypeScript**, and used it for our projects. My tasks were related to discovering, evaluating, and implementing solutions with newer technologies to maximize efficiency. I **improved workflows** and **created tools** for the framework. I also participated in the development and the deployment of our web applications, **backend services** and websocket servers that ran in AWS.

- Typescript
- Node.js
- Webpack
- AWS EB
- Python
- Docker

**Océ**, **Szeged**                                                                    *Frontend developer*

8 months from **Feb. 2017** to **Oct. 2017**

    At OSRH I took part in the continuous development of **Irista**, the former photo and video sharing service of **Canon**. Later I worked on the website of the **Print Rewards** program.

- Angular.js (Javascript, HTML5, SCSS, Grunt)
- Angular 2/4 (Typescript, ES6, rxjs, webpack)
- MongoDb

**Mongúz kft.**, **Szeged**                                                            *Full-stack developer*

37 months from **Jan. 2014** to **Feb. 2017**

    The company's main profile is to develop software for libraries, museums and attractions. We were dealing with a huge amount of data spanning from full-text search from books to importing and exporting bibliographical data. I was working on **new features** in several of our projects. I implemented **backend services** and **UI** parts together.

- Angular.js (Javascript, HTML5, SCSS, Gulp)
- Java (Spring, Maven, Hibernate ORM)
- PostgreSQL

## EDUCATION

**University of Szeged - Software Information Technology MSc**

*Sept. 2015 - June 2017*

My most beloved classes were about machine learning, data-intensive systems, object oriented design patterns, modern web development, functional programming, compilers and non-conventional databases.

**University of Szeged - Software Information Technology BSc**

*Sept. 2011 - Jan. 2015*

My favorite classes were about algorithms, artificial intelligence, programming in Java, programming in C++, databases, assembly, bash/awk programming.

**Gábor Dénes Secondary School - Software Information Technology**

*Sept. 2006 - June 2010*

I gained great basics in SQL, HTML and networks. We learned procedural programming with pascal, C and javascript. I took extra optional classes on programming.

## FURTHER EXPERIENCE

In my free time I like to challenge myself and work on fun projects that are featured on my blog here. To help others I developed two different hybrid mobile applications with Ionic for medical research, and created a controller dashboard for a PLC driven smart home system. I love participating in hackathons. In addition to these, I like to solve coding challenges in codesignal.com, adventofcode.com, cssbattle.dev, and regexcrossword.com.

- Charts in Plotly.js / Dash
- 3D modeling in Three.js
- IoT with Raspberry Pi / ESP32
- Web Components for my static sites

In 2020 I taught a **Linux fundamentals** course at Starschema. I created the course materials by myself and I learned a lot from this teaching experience. I'd like to keep sharing my knowledge with others. In 2024 I had a chance to teach again, this time **Debugging methods** with Python.

## LANGUAGES

**English** - *TELC B2 Complex language exam - 2014*
Active, fluent, technical, written and spoken knowledge.

## DRIVING LICENSE

**B Category** - *Szeged, Hungary*

## HOBBIES

I enjoy living a **healthy** lifestyle, I take **kettlebell** classes. **Music** is important to me, I studied classical **guitar** for 10 years. I sang as a tenor in **Keep Smiling Jazz Vocal** choir. I love board games, and I'm a huge fan of **permutational puzzles**. I'm into calligraphy and watercolor painting.

Budapest, 2025. 03. 11.