



# Bartalis Zoltán-Krisztián

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## About me

- I'm a full stack web developer and I currently work as a software engineer at [Sonrisa Technologies](#).  
As an enthusiastic software engineer, my constant pursuit involves acquiring new knowledge and seeking streamlined solutions to address current problems and challenges.
- I very much enjoy working on both the front-end and back-end development. I find it important to maintain a balance between these two areas. I typically work with the technologies listed below, but I am always open to exploring new things. I understand that mastering various programming techniques and methodologies is more crucial than delving into the details of specific technologies.
- Programming is a hobby for me, and I greatly enjoy it. However, it is equally important for me to work in a friendly environment where I can continually improve.

## Education

### Sapientia Hungarian University of Transylvania

*Bachelor's degree - Computer Science - Learning the basics of programming*

Sep. 2018 – Jul. 2021

*Târgu Mureș, Romania*

### U-Hub Mentoring Program

*Software Engineering course - 100h Learning the basics of Spring Boot*

Jul. 2020 – Aug. 2020

*Odorheiu Secuiesc, Romania*

## Experience

### Minic Studio - Summer internship

*Intern*

Jul. 2020 – Sep. 2020

*Odorheiu Secuiesc, Romania*

- Developed a web application for tourists, travellers.  
Technologies used: ReactJS, Firebase, Google Places API.
- I had the opportunity to work in a team for the first time where I participated in all aspects of project implementation: planning, execution, and so on. I learned the basics of ReactJS, acquired knowledge in using Git, and gained experience with Jira as a project management platform. Overall, I laid the foundations of my frontend knowledge during this period.

### Sonrisa Informatikai KFT.

*Software Engineer*

Sep. 2021 – Present

*Budapest, Hungary*

- Full stack software engineer mostly working with ReactJS, NodeJS, Typescript and Spring Boot.
- Building full SPAs with React and REST APIs with NodeJS/Spring Boot.
- I have learned what it's like to work within a larger team. Initially, I further developed my frontend skills, and over time, I began working on the backend as well, thus becoming a full-stack developer. As time passed, I continued to grow, and eventually, I was entrusted with smaller projects where I supervised the work of 1-2 junior developers.
- Frequent code reviews, CI/CD, scrum/kanban methodologies, participating in architectural designs, improving my english and my overall software engineer knowledge base.

## My work

### GEARS

Project from work

- > A tool designed for MLM companies that automates commission calculations through a configurable engine, allowing all commission rules to be customized. Payouts are also automated, streamlining the process. The tool integrates with eCommerce platforms like Shopify to feed data into the system. Clients can access analytics, track the growth of their company, manage users, and oversee various aspects of their business through a comprehensive dashboard.

### SENSEI - support project

Project from work

- > Support work for Sensei, a company that leverages data-driven health knowledge and technology to create premier wellbeing retreats in Hawaii and California, promoting preventative care and healthy lifestyle practices. This role involves addressing production bug fixes, developing small feature requests, and communicating in English with American clients, with most meetings taking place in the late afternoon.

### Socialbud

Project from work

- > This tool is designed for individuals and companies to automate and streamline their marketing efforts, effectively replacing the need for manual content creation. By providing detailed information about their company, goals, target audience, and follower demographics, users can leverage the power of OpenAI to generate tailored social media posts. The tool continuously creates content that aligns with the user's brand and objectives, and it automatically schedules these posts for publication across all connected social media platforms. This ensures a consistent and engaging online presence without the ongoing need for manual input, allowing users to focus on other aspects of their business while their social media strategy is handled seamlessly.

### johnhair.ro - Shopify webshop

Side project - 2023

- > Webshop created and hosted by [Shopify](#)
- > Responsive design, payment gateway setup, improved SEO.

### oilspower.ro - webshop (not available)

Side project - 2022

- > Webshop build from scratch (with CMS functionalities) for purchasing essential oil products.
- > Responsive design
- > Hosted on [Render](#) with CI/CD.

### boldingatlan.hu

Side project - 2024

- > This website is designed to advertise real estate properties, offering robust features for both property management and site customization. Properties can be created, edited, and deleted through the admin interface, allowing for efficient management of listings.
- > In addition to these capabilities, the site also includes CMS functionalities, enabling customization of the page's appearance to better align with branding and marketing goals.

## Certificates

**Cambridge English Certificate** B2 First

**DataCamp Certificate** Supervised Learning with scikit-learn

**DataCamp Certificate** Unsupervised Learning in Python

**DataCamp Certificate** Cleaning Data in Python

## Skills

**Languages** JavaScript, TypeScript, Python, Java, SQL, Cypher, GraphQL, PHP

**Web Development** React, Node.js, Spring Boot, ExpressJS, NestJS, MUI (Material-UI), Ionic, Redux toolkit, Shopify

**Database and Data Management** AWS DynamoDB, AWS S3, Firebase, MongoDB, Neo4j, Elasticsearch, Liquibase, Postgres, MySQL

**Version Control and Development Tools** Git, Docker, Grafana, Postman, SourceTree, ngrok, VSCode, IntelliJ

**Cloud Services** AWS (AWS SAM, Cloudformation, Cognito, Lambdas), Render, Heroku, Netlify, Github Pages

**Languages** Hungarian - mother tongue, English - B2 , Romanian - B1