Zalán Farkas

Junior Software Developer

Contact me

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📍 Szeged, Hungary

Education

BSc in Computer Science
University of Szeged
2021 - 2025

Languages

- Hungarian (native)
- English (B2)

Skills

- TypeScript
- Angular
- React
- Node JS
- Nodemailer
- Stripe
- Git, Jira, Bitbucket
- Java
- JavaScript
- Spring Boot
- JPA/Hibernate
- MySql
- NoSQL
- Firebase
- HTML, CSS, Bootstrap
- Thymeleaf
- Linux
- Docker
- Android Studio
- Android SDK
- Figma
- Python
- C#, C++
- Wordpress

Interests

- Gym
- Hiking
- Star Wars
- Japanese sport cars

About me

I graduated with a degree in Computer Science from the University of Szeged in January 2025. Alongside my studies and internship, I worked on various hobby projects to further develop my skills and explore new technologies. I am passionate about problem-solving, software development, and continuous learning.

Work Experience

Modularity Kft. (February 2024 - August 2024)

Software development intern

- During the internship I used the following: Angular (TypeScript), Node JS, Firebase, Jira and Bitbucket
- My main tasks included creating an administration page for a factory, which included managing users, machines, tasks, worksheets and statistics. Teamwork played an important role during the project

Webshop development (2022)

- During the development of the application, I used the following: Wordpress, Woocommerce, Barion, CSS
- Communication with the client

Projects

GymBro Webshop & Blog (2024)

https://github.com/FarkasZalan/GymBro

- During the development of the application, I used the following: Angular (TypeScript), Node JS, Firebase, Stripe, Nodemailer
- Features:
  - Stripe integration for payment, real-time stock tracking, and detailed product management.
  - Used Firebase Cloud Functions for automated email notifications, secure password reset, and Stripe payment processing.
  - Blog with search, filtering, and related content suggestions.
  - Authentication with email verification, secure password reset, and user profile management.
  - Admin panel for managing products, blogs, and orders with automated notifications.
  - Responsive webshop with paginated navigation, product variations, and loyalty program.

Greengrocer Android application (2023)

https://github.com/FarkasZalan/VegAndFru

- During the development of the application, I used the following: Java, Android Studio, Firebase, Git
- Features: User management, sending emails for password reset, notifications for successful orders, adding, editing, and deleting products (for sellers), placing orders (for buyers), and allowing both buyers and the respective seller to view the placed orders

Web application for managing accommodations (2022)

https://github.com/FarkasZalan/Szallasok

- This application was developed as part of a group project, where I served as the team leader
- During the development of the application, we used the following: Java Spring Boot, Hibernate, Docker, Maven, Thymeleaf and MySQL
- Features: User management, email sending, and CRUD operations related to accommodations and bookings

Web application for a restaurant (2022)

https://github.com/FarkasZalan/Pizzazo

- During the development of the application, I used the following: Java Spring Boot, Hibernate, Docker, Maven, Thymeleaf and MySQL
- Features: User management, email sending, and CRUD operations related to products and users