



OGNJEN ŠVRAKA

Software Engineer

PROFILE

I build software that solves real-world problems with clarity and purpose. I care about writing clean, maintainable code and creating solutions that are both practical and user-friendly.

CONTACT

WEBSITE:

<https://ogniens.com/>

EMAIL:

osvraka@gmail.com

LOCATION

Banja Luka, Bosnia and Herzegovina

HOBBIES

Tennis
CrossFit
Guitar
Books

EDUCATION

Faculty of Technical Sciences, Novi Sad

2019 - 2023

Bachelor's degree in Computer Science and Automation

Informatics Gymnasium, Prnjavor

2015 - 2019

WORK EXPERIENCE

Lanaco - Software Engineer

Nov. 2023 – Now

I'm a full-stack developer specializing in **Spring Boot** and **React**, contributing to the design and development of **software solutions for customs procedures**. I'm actively involved in the **NCTS (New Computerized Transit System)** project for **Bosnia and Herzegovina**, improving digital processes for customs transit operations. Additionally, I develop a **secure visitor registration system** used in restricted facilities, which enables **ID card and passport scanning** for efficient and secure access management.

Digital Partner - Full-stack developer

Jul. 2021 – Nov. 2023

I was a full-stack developer specializing in **Spring Boot** and **React**, with experience building diverse and scalable web applications. I developed a **multi-tenant booking system** for businesses such as **hair salons and sports centers**, and an **app for car registration tracking** that proactively **notifies users before expiration**. I also created a **lightweight website engine** to **reduce deployment costs** and improve efficiency. My work was following **Domain-Driven Design (DDD)** and **Test-Driven Development (TDD)** principles, and I've successfully **built over 15 websites**.

Building Websites

2016 – 2021

I designed and developed **websites for small businesses** using **WordPress** and **hand-coded HTML/CSS**, managing the entire process from planning to deployment. Through these early projects, I gained **experience in client communication** and **improving online visibility**.

SKILLS

Backend

Java (Hibernate, JPA, Spring Boot...), Golang (GORM, gin...), PostgreSQL, Oracle DB

Frontend

React, NextJS, Tailwindcss

Other

Linux, Git, Docker, WebRTC, Payload CMS

SOME PROJECTS

Coobudget

Coobudget is a budgeting app for pairs that I started building for myself and a few friends. It helps track both spending and savings together with a partner throughout the month. I'm actively developing new features, and one of the key challenges so far has been encrypting all numeric data, ensuring users can safely use the app without worrying about exposing sensitive financial information. Feel free to check it out: coobudget.com

Rendezvous Booking

Rendezvous Booking is a multi-tenant application designed for booking services in barbershops, hair salons, beauty salons, and similar businesses. It offers a wide range of features such as email and SMS notifications, support for group appointments, membership management, detailed business statistics, and more — all aimed at helping businesses streamline their operations and improve client experience.

I developed it together with a few friends, where my primary responsibility was the backend, although I also took part in building the admin panel and clients websites. The project follows Domain-Driven Design (DDD) and Test-Driven Development (TDD) principles. You can learn more about it at: digitalpartner.rs

Jolly

Jolly is a peer-to-peer group calling application I built as my bachelor's final project. It's designed for seamless communication, supporting video calls, voice calls, group chat, and screen sharing. Users can easily start or stop their camera and microphone during a call, making it flexible and user-friendly. Jolly is powered by WebRTC, Spring Boot, and React, bringing together real-time performance with a clean, modern interface.

Website Template Engine

I created a website template engine that makes building a site simple and flexible. With it, you can pick a theme, set up SEO, choose your brand colors and fonts, and add the sections you need — all in one place. It's designed to give you full control over the look and feel of your website without needing to code.