




## Hristijan Stojanov

**Date of birth:** 28/10/2000


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## CONTACT

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## ABOUT ME

I am a soon-to-be software engineer at the FCSE-Skopje, passionate about critical thinking and problem-solving in application development. My dedication to learning and mastering new technologies makes me a curious and motivated individual. I have experience working on team projects where I have honed my communication and collaboration skills. Through participation in various internship programs, I have gained practical knowledge and applicable skills in real-world projects. My goal is to contribute to creating innovative software solutions that add value and solve specific problems.

## WORK EXPERIENCE

**06/2019 – 10/2019** Strumica, North Macedonia

### Computer Technician / PC Repair Technician Riversoft

- Diagnosing hardware and software issues.
- Repairing and upgrading computer systems.
- Installing operating systems and software.

## EDUCATION AND TRAINING

**2019 – 2024** Skopje, North Macedonia

### Software engineering and information systems Faculty of computer science and engineering

**2015 – 2019** Strumica, North Macedonia

### Electrical technician for computer technology and automation High school "Nikola Karev"

## PROJECTS

### E-parking

The E-Parking system is designed to monitor available parking spaces, allow reservations, and handle parking payments. This system consists of three main components: a mobile application, a web application, and an embedded system for physical parking control through a barrier.

#### Mobile Application:

Allows users to view available parking spaces on a map, reserve spots, top up balance via credit card, and use identification for entry.

#### Embedded System:

Uses an NFC reader to identify users at the parking entry/exit. Sends data to the web application to update available spaces and manage barrier control.

#### Technologies:

Mobile Application: Flutter

Web Application: .NET core, PostgreSQL, REST Controllers

Embedded System: NFC, Microcontroller Integration, Real-Time Data Sync, RTOS

Link <https://eparking.mk/>

### Web Application for Creating Electronic Tests

- Developed a system that allows users to create profiles and design custom electronic tests according to their needs
- Implemented functionality for sharing tests among users.
- Built an evaluation system where, if a test is completed with at least 50% accuracy, the system automatically generates a certificate for the user.
- Integrated GemBox.Document for generating certificates based on the user's profile information.
- Added functionality for exporting test results to an Excel spreadsheet.

#### Technologies:

- ASP.NET Core, GemBox.Document, ClosedXML.Excel, MS SQL

Link <https://github.com/hristijan-stojanov/E-test-app>

### Web Shop and Mobile Application

- Implemented functionality for displaying products, filtering, adding, deleting, and editing products.
- Used REST controllers for handling API requests.

#### Mobile Application (Swift):

- Developed an iOS mobile application using Swift with the same functionalities as the web application.
- Implemented product browsing with various filters, as well as functionality for creating, editing, and deleting products.

#### Technologies:

- Spring Boot, PostgreSQL, REST ,Swift

Links <https://github.com/hristijan-stojanov/MA-Eshop> | <https://github.com/hristijan-stojanov/webProgramiranje>

#### Mobile Application for Ads

- Developed a mobile application in Flutter for browsing, creating, and filtering ads.
- Integrated with a web application built in Spring Boot, using REST controllers and a PostgreSQL database..

#### Функционалности:

- Displayed ads with the ability to browse using various filters.
- Ensured data consistency through synchronization with the web application.
- Enabled users to create and post ads directly through the mobile app.

#### Technologies:

- Mobile Application: Flutter, Web Application: Spring Boot, PostgreSQL, REST Controllers

Links <https://github.com/hristijan-stojanov/adster-1> | <https://github.com/hristijan-stojanov/adster>

### DIGITAL SKILLS

C# | C/C++ | Java | Git | HTML5/CSS, Javascript | Bootstrap | .NET Web Api | .Net Core | Java Spring Boot | Python | Docker | SQL and relational databases | Flutter | RTOS( ThreadX) | CUBERNETS

### LANGUAGE SKILLS

**MOTHER TONGUE(S):** Macedonian

**OTHER LANGUAGE(S):** English

### DRIVING LICENCE

**Driving Licence:** B