











## Personal details

-  Milica Cvetković
-  milica.cvetka@gmail.com
-  +38162570352
-  Belgrade, Serbia
-  Category B
-  linkedin.  
com/in/milicacvetković
-  github.com/milica-cvetkovic

## Technical skills

- **Programming Languages:**  
Java, C/C++, Python, PHP, Javascript, Typescript, SQL, HTML, CSS, Assembly
- **Technologies/Frameworks:**  
MEAN stack, Angular, Vue.js, Codeigniter4, Flask, REST APIs, Docker, Git, HTTP, Bootstrap
- **Developer Tools:** Visual Studio Code, Apache NetBeans, Eclipse, PyCharm, GitHub, BitBucket, Postman API, MySQL, MS SQL, MongoDB

## Languages

- Serbian 
- English 
- German 

# Milica Cvetković

Software Engineer

## Profile

Diligent and creative software engineering student experienced in web and desktop application development with profound applicable knowledge in object-oriented programming and multiple programming languages, eager to learn and improve.

Adept at translating business modeling requirements into executable applications, with exceptional analytical and problem-solving skills, along with strong attention to detail.

## Education

**Bachelor of Software Engineering** 2020 - 2024  
University of Belgrade, School of Electrical Engineering, Belgrade

## Experience

**"E-Putuj" Carpooling Website | full-stack development team project** 06/2023

- Worked in a team to create a fully functional website implemented in PHP Codeigniter4 framework
- Project showcases software development phases - use-case scenarios and documentation, prototype, formal inspection, database modeling, code implementation and software testing in PHPUnit
- HTML5, CSS3 and Javascript used for front-end development

**Multiple User Shopping System | Python, Docker** 06/2023

- Created multiple user login system for shopping, delivery tracking and payment using Docker platform and Python Flask framework
- Ensured secure payment through Ethereum Blockchain platform and smart contracts implemented in Solidity
- Utilized SQLAlchemy library for database management
- Authentication secured with JSON Web Tokens

**Shopping System | Java, MS SQL** 06/2023

- Created a system to connect all stores and estimate shortest delivery path using Dijkstra's algorithm, developed using JDBC for connection to MS SQL database
- Design and modeling of the database done in ERwin Data Modeler

**Shopping System | RESTful API Java** 01/2022

- Created a central server that communicates with three subsystems through JMS
- Subsystems have private access to their databases through JPA
- Client application communicates with server through RESTful API
- UML sequence and class diagrams provided

**Operating System Kernel | C++, Assembly****06/2022**

- Created functional multithreaded operating system's kernel for RISC-V architecture written in C/C++ and Assembly
- Memory allocation, threads and semaphores implemented

**Olympics Statistics | Java, C++****06/2022**

- Created Java application with GUI for data manipulation, altering and sorting of an Olympic Games dataset
- Java Native Interface used for bridging with C++ code

**B-Tree and Binary Search Tree | C++****06/2022**

- Implemented insertion, deletion, printing, search, sorting and shortest paths of B-Tree and Binary Search Tree

**Deep Learning and Fuzzy Logic team project | Python****01/2023**

- Image classification using Convolutional Neural Networks on a car dataset in Python
- Developed Fuzzy Control System and created Simulink model in MATLAB

## Non-Technical Experience

---

**Retail Business Owner****01/2021 - 06/2022**

TURBO AUTO, Paraćin

- Worked as retail business owner, trading of motor vehicle parts and accessories
- Planned and organized procurement of goods and services
- Supervised and guided personnel towards maximum performance
- Managed bookkeeping and accounting

## Certificates

---

**CEFR Level C2 - Score 219****01/2020**

Cambridge Assessment English

Issued January 2020 with no expiration date

Credential ID: 19BEA0010003 19.11.2001.