

# MIHAELA BALIYSKA

## ABOUT ME

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236, Blvd. Bulgaria, Plovdiv

Date of birth:  
November 21, 2003

## SUMMARY

I am an ambitious and responsible girl seeking new challenges and opportunities for growth. I believe true progress is made by stepping outside our comfort zones and facing new, unconventional situations. I always strive to do my best, and I am happiest when my efforts result in a well done job.

## EDUCATION

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2022 – Now  
**Bachelor's degree**  
**University of Plovdiv "Paisii Hilendarski"**  
Software engineering

2019 – 2022  
**Professional qualification**  
**National program "Education for IT career"**

2017 – 2022  
**Secondary school**  
**High school of natural sciences and mathematics "Vasil Levski", Smolyan**  
Mathematics and Informatics

## WORK EXPERIENCE

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2023 – 2025  
**Programming Tutor**  
**Mindhub**  
Teaching children. Programming robots. Working with Scratch, Minecraft Education, App Inventor

2021 – 2022  
**Programming Tutor**  
**Telerik Academy School**  
Game Development with JavaScript

## SKILLS

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Microsoft Office Package  
HTML & CSS  
C#  
Java  
SQL and MS-SQL  
OOP Programming  
Database Structures & Algorithms  
Power BI  
IBM SPSS

## LANGUAGES

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**English**  
B2

## PROJECTS

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### WRITE SPACE

Database model of an open article publishing platform designed for readers to explore content and writers to share their ideas with a wider audience

- Use Case Diagram - visual representation of system-user interactions
- Entity-Relationship Diagram - detailed database schema defining entities, attributes, and relationships
- Functionalities by User Type - clearly separated capabilities for Reader, Writer, and Admin roles
- Additional UML Diagrams - Class, Activity, Sequence, and State diagrams illustrating system logic, flow, and behavior

### ArticlesPlatform

Cucumber-based test suite for validating core functionalities of the WriteSpace platform using the Behavior-Driven Development methodology

- Language: Java
- Framework: Cucumber + JUnit
- Feature Files: written in Gherkin syntax
- Tested Functionalities: Publish article and Report article

### MyUdemy

Representation of the Data Model for the online learning platform Udemy

- Conceptual Model: Chen's Notation
- Logical Model: Crow's Foot Notation
- Database Implementation: model with tables, stored procedures, functions, and triggers in Microsoft SQL Server
- Data Warehouse Model
- Business Intelligence Report: PowerBI

### TravelMe

Online travel platform designed to allow users to browse, book, and manage trips easily by interacting with intuitive web services and a client interface

- Back-End: RESTful API built using C# .NET Web API
- Front-End: Web application using .NET MVC
- Database implementation: SQL Server
- Authentication: Username & Password

