# Personal data

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| **Name** | **Danica Stefanovic** |
| **Year of birth** | 1999 |
| **IT experience since** | 2018 |
| **Citizenship**  **Email** | Serbian  danicastefanovic911@gmail.com |
| **Mobile phone** | +381638911972 |
| **Possible locations** | Remote |
| **Education and training** | Bachelor of Electrical engineering and Computer science  Master of Electrical engineering and Computer Science |
| **Certifications** | * The Unix Workbench, Linux Basics: The Command Line Interface * Cryptography I * Bitcoin and Cryptocurrency Technologies * Digital Marketing * Introduction to Data Analysis using Microsoft Excel * Java programming: Beginner to Guru * EPFL course Control System |
| **Focus** | Software development |
| **Languages** | Serbian (mother tongue)  English (fluent in speaking and writing)  French (good in speaking and writing) |
| **Industries** | * E-Commerce * IT Service Providers * Financial Services * Media and Entertainment * Insurance * Marketing |
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**Skills**

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| **Operating Systems** | Very good knowledge of Microsoft Windows Server 2016 and 2012(R2)/2008(R2) by project work and certifications  Good knowledge of Microsoft Windows 10/8.1x/7  Very good knowledge of Linux, Ubuntu |
| **Programming Languages** | Very good knowledge in HTML / HTML 5  Very good knowledge in CSS  Very good knowledge in Python  Very good knowledge in SQL, MySQL Workbench, SQLyog  Good knowledge in Java  Good knowledge in TypeScript  Good knowledge in JavaSrcipt  Good knowledge in JSON |
| **Tools and Frameworks** | Good knowledge in Angular 6/7/8/9/7/10/11  Very good knowledge in GIT  Very good knowledge in Visual Studio Code  Very good knowledge in Matlab  Very good knowledge in Eclipse, Eclipse WindowBuilder for Java GUI  Very good knowledge in NetBeans |
| **Databases** | Very good knowledge in Microsoft SQL |
| **App Development** | Very good knowledge in Android Studio |
| **Office** | Very good knowledge in Microsoft Office |
| **Virtualization** | Good knowledge in virtual machine implementation  Good knowledge in Vmware  Good knowlledge in VirtualBox |
| **Graphic Design** | Very good knowledge in Canva |
| **Other** | Good knowledge in Happy Scribe  Good knowledge in Captions  Good knowlegde in Davinci resolve studio |

**Project experience**

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| **Title** | **Online shop mobile application** |
| **Environment** | Java, Android Studio System, Firebase |
| **Industry** | Mobile development |
| **Duration** | 1/2022 – 4/2022 |
| **Description** | * The shopping application includes options for user or seller registration. * Both user and seller can edit their profiles. * A seller can add products, view the display of these products, edit, and delete them. * Meanwhile, a user has the ability to view products, access product details, add to the cart, view the cart, place orders, and view order history. * All data is stored in the Firebase database, and the application is developed using the Java language. |
| **Title** | **IMDb imitation web application** |
| **Environment** | HTML, CSS |
| **Industry** | Web development |
| **Duration** | 11/2020 – 12/2020 |
| **Description** | * Creating a simple webpage to display information about a movie, inspired by the IMDb page, using HTML and CSS. |
| **Title** | **eLibrary GUI App** |
| **Environment** | Python, IDLE |
| **Industry** | Education |
| **Duration** | 12/2021 – 2/2022 |
| **Description** | * Developing an application for managing the content of the college library. * Application users include students, librarians, and the application administrator. * The application should provide storage and processing of data on copyrighted works available for borrowing. * There are two roles in the application. The first is the librarian, who has the ability to register and rent books. * The second role is the student, who has the ability to register. * They can search for copyrighted works, view their availability, and reserve a work, with the reservation valid for 24 hours. * The librarian also has the ability to track reservations. |
| **Title** | **Working with 7-segment displays an Nexus II board** |
| **Environment** | Xilinx ISE Design Studio |
| **Industry** | Electronics and Computing |
| **Duration** | 1/2020 – 2/2020 |
| **Description** | * Working with the 7-segment displays on the Nexus II board which includes interfacing with hardware to control and display numeric or alphanumeric information |
| **Title** | **Literature library** |
| **Environment** | Java, SQL, NetBeans, UML Diagrams - Modelio |
| **Industry** | Education |
| **Duration** | 7/2021 – 9/2021 |
| **Description** | * Creating an application that simulates working with a database and provides literature reading recommendations. * The complete user interface for this application has been implemented, offering multiple options to the user, including adding literature to the database and deleting books from the database. |
| **Title** | **Issuing an identity card – GUI App** |
| **Environment** | Java, SQL, NetBeans |
| **Industry** | Internal Administration |
| **Duration** | 6/2022–8/2022 |
| **Description** | * Software is being developed in the form of a desktop application where an employee is assigned the role of issuing, updating, deleting data, and searching for information. * For application development, the Java programming language was used, along with SQLyog Community (for interacting with the database and executing SQL commands), and the NetBeans environment, which is an integrated development environment primarily designed for Java technologies. |
| **Title** | **Scientific Digitron** |
| **Environment** | Java, Eclipse |
| **Industry** | Education |
| **Duration** | 5/2020 – 7/2020 |
| **Description** | * Enable the user to perform basic computer operations, calculate square roots, powers in the format x\*\*y, trigonometric functions, and communicate through an appropriate graphical interface. |
| **Title** | **Calculation of pensions – GUI App** |
| **Environment** | Java, Drools, Eclipse, Drools Expert |
| **Industry** | Pension insurance |
| **Duration** | 6/2022 – 8/2022 |
| **Description** | * The goal is for the expert system to address the issue related to proposing a pension to the insured based on their data, assigning pensions to the insured according to their personal information. * The project was implemented in the Eclipse IDE, using the Java programming language. * For the implementation of this system, a set of desktop tools for developing expert systems was used: a rule engine and Drools Expert. |
| **Title** | **Night Driver** |
| **Environment** | OpenGL, C++ |
| **Industry** | Education |
| **Duration** | 3/2022 – 6/2022 |
| **Description** | * Player controls a car that travels through three areas during the game: forest, city, and river. * The player steers the car using the arrow keys on the keyboard. * The player's task is to avoid obstacles in the form of other red cars. |
| **Title** | **Implementation of supervised learning regression algorithms**  **using the example of housing.csv** |
| **Environment** | Python, IDLE |
| **Industry** | Finance Services |
| **Duration** | 1/2023 – 2/2023 |
| **Description** | * The dataset describes a problem of estimating the house value. There are 20,640 instances and 9 features + 1 target variable - median\_house\_value. * As part of the task, data visualization should be performed, input/output data analyzed, algorithms implemented, various hyperparameter values tested for each algorithm, and the obtained results discussed. |
| **Title** | **Implementation of supervised learning classification algorithms**  **using the example of Lymphography Data Set** |
| **Environment** | Python, IDLE |
| **Industry** | Healthcare |
| **Duration** | 11/2022 – 1/2023 |
| **Description** | * Testing different classification algorithms on a given dataset, examining which algorithm yielded the best results, and determining which attributes contribute the most to describing the output. |