Igor Polajžer

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ABOUT ME

I am Igor Polajžer, a **software developer** with a **Bachelor's degree in Computer Science and Information Technology Engineering** from the Faculty of Electrical Engineering and Computer Science (FERI), University of Maribor. I am currently pursuing my **Master's in Computer Science** at FERI while working as a **Java backend developer at Tridens d.o.o.**
My main interests lie in **backend development, software architecture, and AI integration**, and I have gained professional experience at Tridens, Setronica, and Skylabs, where I worked on **microservices, APIs, AI-driven solutions, and software integration**. With a strong work ethic, adaptability, and a passion for continuous learning, I am committed to building reliable, efficient, and innovative software solutions.

WORK EXPERIENCE

🏢 *Skylabs d.o.o* – Maribor, Slovenia

City: Maribor | **Country:** Slovenia
Software developer

[01/08/2023 – 09/2023]

At Skylabs d.o.o, I was responsible for transforming C++ libraries into Pythoncompatible modules by creating wrappers. Additionally, I developed a RESTful API to provide easy access to these libraries. My role involved the entire development lifecycle, from concept to deployment. Through this experience, I enhanced my skills in C++, Python, web development and project managment gaining valuable expertise in software integration and API design

🏢 *Setronica d.o.o* – Ljubljana, Slovenia

City: Ljubljana | **Country:** Slovenia
Programmer

[01/08/2024 – 01/06/2025]

At Setronica, I ensured the quality of large language models (LLMs) by reviewing and evaluating AI-generated outputs, assessing their accuracy, and providing detailed feedback to enhance model performance. I prepared datasets for AI training, ensuring high-quality inputs for model development. Additionally, I worked in a diverse, multicultural environment, collaborating with professionals from different nationalities to refine AI solutions and optimize model outputs.

🏢 *Tridens d.o.o* – Maribor, Slovenia

City: Maribor | **Country:** Slovenia
Software developer

[24/03/2025 – Current]

At Tridens d.o.o, I have been working as a Java developer, contributing to the integration and development of backend systems. My responsibilities include collaborating on the design and implementation of microservices, supporting RPC communication, and maintaining high-quality, reliable code through testing and continuous improvement.

EDUCATION AND TRAINING

Technic of mechatronics
Electrical and Computer School Ptuj [01/09/2018 – 24/06/2022]

City: Ptuj | **Country:** Slovenia | **Website:** https://elektro.scptuj.si/ | **Level in EQF:** EQF level 4

Bachelor of Computer Science and Information Technology Engineering
Faculty of Electrical Engineering, Computer Science, and Information Technology [01/10/2022 – 28/08/2025]

City: Maribor | **Country:** Slovenia | **Website:** https://feri.um.si/ | **Field(s) of study:** Information and Communication Technologies: ● Information and Communication Technologies (ICTs) not further defined ● Software and applications development and analysis ● Database and network design and administration ● Information and communication technologies not elsewhere classified | **Level in EQF:** EQF level 6 | **NQF Level:** 7 | **Type of credits:** ECTS | **Number of credits:** 10 | **Thesis:** Development of the mobile application Morph

Link: https://igorpolajzer.com/projects/morph

The thesis deals with the development of a mobile application that uses large language model and gamification technologies to advise users in the field of personal growth. It consists of a theoretical and a practical part. The theoretical part contains an overview of existing applications that use large language models and an overview of the technologies used. The practical part describes the process of designing and developing a mobile application, the challenges involved in this work and how to solve them, and a comparison of the development of mobile applications that use large language models and the development of classic mobile applications.

LANGUAGE SKILLS

Mother tongue(s): Slovenian

Other language(s):

English	German
LISTENING C1 **READING** C2 **WRITING** C1	**LISTENING** A1 **READING** A1 **WRITING** A1
SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1	**SPOKEN PRODUCTION** A1 **SPOKEN INTERACTION** A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

C / C++ / C# / Java / LibGdx / Kotlin / Jetpack Compose / Python / Flask / HTML / CSS / JavaScript / Node.js / MERN Stack (MongoDB, ExpressJS, ReactJS, NodeJS) / Lamp Stack (Linux, Apache, MySQL, PHP) / SQL / Docker/Docker Hub / Git/Github / Blender / Microsoft (Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Microsoft Outlook) / Gimp / Flutter / Dart / AI Integration

PROJECTS

[12/09/2024 – 12/09/2024]
Setronica 8-Hour Hackathon – Sprint Summary Automation Project
In November 2024, I participated in Setronica's intensive 8-hour remote hackathon, collaborating with a diverse team to develop an **automated sprint summary bot**. Our objective was to streamline the process of compiling Jira sprint results to a pdf reports and updating clients by automating the aggregation and summarization of tasks across multiple teams. Despite challenges such as integrating with internal tools like **Jira** and ensuring customization options, we successfully delivered a functional prototype within the tight timeframe. This experience honed my skills in **rapid development, teamwork, leadership**, and **problem-solving** under pressure.

Link: https://setronica.com/coding-marathon-inside-setronicas-8-hour-innovation-sprint/

[24/02/2023 – 31/01/2025]
Smart Delivery Box Management System – Direct4.me Project
As part of my university degree, I co-developed a **Smart Delivery Box Management System** for **Direct4Me** smart delivery boxes during my 2nd and 3rd year of studies. The project aimed to streamline package delivery and retrieval by integrating web and mobile platforms.

Key Contributions & Features:
• **Web Portal**: Developed a user-friendly website for managing delivery boxes, tracking package history, and accessing security features like 2FA with facial recognition.
• **Android App:** Built an intuitive mobile application supporting two user roles: couriers and regular users, each with distinct functionalities.
• **Regular Users:** Receive and return packages via QR code scanning (Direct4Me API).
• **Couriers:** Deliver, retrieve, and track packages with QR code scanning (Direct4Me API).
• **Optimized Routing:** Implemented a Traveling Salesman Algorithm with evolutionary algorithms to help couriers find the shortest route between delivery boxes.
• **Machine Learning Integration:** Designed a system that adapts UI complexity based on user experience level, providing a tailored experience for both beginners and advanced users.

This project significantly enhanced my expertise in **mobile and web development, system architecture, and machine learning integration**, while also giving me valuable experience in teamwork, leadership, and Agile development using **SCRUM**. All of these skills greatly contributed to preparing me for complex software engineering challenges.

Link: https://igorpolajzer.com/projects/direct-4-me-project