



Karlo Feltrin

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● WORK EXPERIENCE

WEB DEVELOPER – MCS-INFORMATIKA D.O.O – 20/05/2024 – Current – STRAHONINEC, CROATIA

- Development and maintenance of web applications in Angular (versions 15 to 20) with a PHP backend (versions 5.4–5.7).
- Working with Oracle Database (version 10.2), Microsoft SQL, MySQL and REST APIs.
- Maintained 3 products, which were at the same time being rewritten from Delphi into an Angular environment. The products are mostly tied to the day-to-day operations of companies: invoicing and fiscalisation (1.0 and 2.0), inventory management and depreciation (company fixed assets).
- Development of Android applications based on Angular (Capacitor/Ionic).
- Providing technical support to clients using the software, troubleshooting, and training/education for its use.
- Maintenance of the GitHub repository.

An example of one project (not a product) that is publicly available: <https://glomazni.cakom.hr/odvoz> This is a website for booking bulky-waste collection, which is now used in Međimurje instead of the traditional booking methods (leaflet, phone call, email, etc.). The user enters the payment reference number from their bill and is found in the database by that number; they then tick on the form which types of waste they have for collection, receive information on when the collection will take place, and – if it is not their first booking this year – also a notice about the collection fee. After that they receive an email and a PDF confirming the booking. The application is built on Angular v20, works on most smart devices (Android and iOS) and PCs, with a minimal number of PHP backend REST APIs and an Oracle SQL database.

INDUSTRIAL REFRIGERATION SERVICEMAN – MBM COMMERCE D.O.O – 01/11/2023 – 31/12/2023 – ZAGREB, CROATIA

- Maintenance of industrial refrigeration units
- Replacement of electronic and mechanical parts
- Refilling of refrigeration systems with cooling gas

WEB APPLICATION DEVELOPER (INTERN) – SERENGETI D.O.O – 01/04/2023 – 31/05/2023 – BJELOVAR, CROATIA

- Development of web application in Angular framework with a .NET Backend, and MS SQL relational database;
- Worked in a team with 3 colleagues,
- I was in charge of the SQL database and the entire Backend,
- Gitlab was used with a CI/CD pipeline,
- For security the site has Hash encoding for passwords and uses JWT tokens for user data.

TECHNICAL SUPPORT AGENT – MERITUS PLUS D.O.O (OUTSOURCING FOR CROATIAN TELEKOM) – 01/05/2021 – 30/06/2022 – ZAGREB, CROATIA

Technical support for private users, later also billing support, with: internet, mobile services, TV and others
Selling possible upsales for the user or completely new services,
Checking billing status,
After call updating the database with new information

AID TO A TEACHER – PUBLIC UNIVERSITY BJELOVAR – 19/06/2019 – 01/08/2019 – BJELOVAR, CROATIA

- Aiding students in programming tasks
- Grading and awarding students
- Testing programs

ELECTRO ENGINEER – ROTOR D.O.O – 19/06/2015 – 18/08/2017 – BJELOVAR, CROATIA

- Maintenance of electric engines
- Mounting of electrical installations
- Maintenance of workplace

● EDUCATION AND TRAINING

08/2014 – 06/2018 Bjelovar, Croatia

ENGINEER OF ELECTRONICS Technical school Bjelovar

09/2018 – CURRENT Bjelovar, Croatia

PROFESSIONAL BACHELOR OF COMPUTER ENGINEERING University of Bjelovar

● LANGUAGE SKILLS

Mother tongue(s): **CROATIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

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

● SKILLS

Internet | MS Office (Word Excel PowerPoint) | Windows | C, C++ C# | Object-Oriented Programming | Android (Kotlin + Java) | SQL/MYSQL | Web Development: HTML 5, CSS, JavaScript | Linux - Ubuntu | Angular | Git (Github / Gitlab) | PHP (junior level)

● PROJECTS

24/09/2023 – 29/09/2023

Web API with PostgreSQL

In my free time, I made a Web API for an Application:

- PostgreSQL was used as a database
- Dapper micro ORM was used instead of Entity Framework
- Gitlab link: <https://gitlab.com/mixed4/KvalifikacijaGIT>

● HONOURS AND AWARDS

05/04/2024

Certificate "Professional Back-End Developer" – Coursera

Certificate "Professional Back-End Developer" awarded by Coursera & Meta (ex. Facebook)

- Awarded after completing 9 certificates required for the Professional Back-End Developer qualification, the specific certificates are shown in the CV.

Link <https://coursera.org/verify/professional-cert/BRTZBWAN6HFD>

13/02/2024

Certificate "introduction to Back-end Development" – Coursera

Certificate of Introduction to Back-end Development given to me after completing an online course by Meta (ex. Facebook) through Coursera

- React

- Bootstrap
- HTML, CSS, JavaScript
- Basic concepts of Back-end Development

Link <https://coursera.org/verify/65EE7PTZ3XEE>

18/02/2024

Certificate "Programing in Python" – Coursera

Certificate for Programming in Python earned after completing a course by Coursera & Meta (ex. Facebook)

- All principles of programming in Python

Link <https://coursera.org/verify/WFC6CMHTVYQE>

21/02/2024

Certificate "Introduction to Databases for Back-End Development" – Coursera

Certificate for Introduction to Databases earned after completing a course by Coursera & Meta (ex. Facebook)

- Sql Databases
- MySql
- Other types of Databases
- Creating and managing Sql Databases

Link <https://coursera.org/verify/LRQ47PNRJ889>

05/03/2024

Certificate "Django Web Framework" – Coursera

Certificate for Django Web Framework earned after completing a course by Coursera & Meta (ex. Facebook)

- Framework basics
- Django commands
- Creating web applications with Django and SQLite

Link <https://coursera.org/verify/765YHREFGN7ZN>

19/02/2024

Certificate "Version Control" – Coursera

Certificate for Programming in Python earned after completing a course by Coursera & Meta (ex. Facebook)

- Git
- GitHub & GitLab
- Bash (Linux & Windows)

Link <https://coursera.org/verify/DBFMUZBVA2QH>

19/03/2024

Certificate "API's" – Coursera

Certificate on development of API's awarded by Coursera & Meta (ex. Facebook)

- Development of an API project using Django framework
- Basics of API development
- Also used: Djoser, JWT tokens, SQLite
- Project: https://github.com/kfeltrin07/Django_API

Link <https://coursera.org/verify/W4QPCPYCFELS>

30/03/2024

Certificate "The Full Stack" – Coursera

Certificate on Full stack development awarded by Coursera & Meta (ex. Facebook)

- Development of an full stack web app project using Django framework
- Basics of full stack development
- Used MySQL as a database
- Project: https://github.com/kfeltrin07/Little_Lemon_Full-Stack

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Link <https://coursera.org/verify/PCK83N46MP4V>

04/04/2024

Certificate "Back-End Developer Capstone" – Coursera

Certificate "Back-End Developer Capstone" awarded by Coursera & Meta (ex. Facebook)

- Development/Updating of an existing web app project using Django Rest framework
- Adding Djoser for Authorization and Authentication
- Using MySQL as a database
- Project: <https://github.com/kfeltrin07/LittleLemon>

Link <https://coursera.org/verify/TTKUUXTR32V>

● COMMUNICATION AND INTERPERSONAL SKILLS

Communication and social skills

Good communication skills, improved with experience in the above-mentioned workplace in the public university of Bjelovar.