



Eugen Ostafi

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● EDUCATION AND TRAINING

01/09/2022 – CURRENT Chisinau, Moldova

BACHELOR OF SCIENCE. ENGLISH-TAUGHT HONOURS PROGRAMME IN SOFTWARE ENGINEERING.

Technical University of Moldova

Address 9/7 Studentilor Street, MD-2020, Chisinau, Moldova | **Website** <https://fcim.utm.md/en/home/>

01/09/2019 – 31/05/2022 Leova, Moldova

BACCALAUREAT DIPLOMA Theoretical Lyceum "Constantin Spataru"

Address Stefan Cel Mare Street 57, Leova, Moldova

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
RUSSIAN	B1	B1	B1	B1	B2

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

● SKILLS

C++ | Python | HTML | Git | CSS | Math | JavaScript | C# | React | React Native

● NETWORKS AND MEMBERSHIPS

01/09/2022 Technical University of Moldova

FAF Community

● PROJECTS

01/09/2022 – CURRENT

PBL

Project Based Learning (PBL) is a teaching method in which students learn by actively engaging in real-world and personally meaningful projects. The concept of PBL in our university consists in choosing an idea for a start-up and its conceptual development

03/09/2023 – 27/10/2023

Practice at Orange Systems

Project: KitchenGuru

Description:

Developed *KitchenGuru*, an innovative web application designed to revolutionize home cooking by offering personalized recipe suggestions, ingredient-based meal planning, and fostering a collaborative cooking community. The system integrates AI-driven recipe generation using OpenAI's API, ensuring a sustainable and waste-free approach to cooking while enhancing user engagement and convenience.

Key Features:

- Ingredient-based recipe discovery to utilize available pantry items efficiently
- AI-generated personalized recipes based on user preferences and trends
- User feedback and rating system for recipes to improve community interaction
- Community hub for sharing recipes, tips, and culinary experiences
- Dynamic user profiles to track preferences and cooking habits
- Sustainable cooking focus to reduce food waste and promote eco-friendly practices

Technologies Used:

- **Backend:** Node.js, Express.js, OpenAI API
- **Frontend:** React.js, Bootstrap
- **Authentication:** OAuth2, JWT Tokens
- **Database:** MongoDB
- **Tools:** Git, Docker

Outcome:

KitchenGuru enhances the home cooking experience by simplifying meal planning, reducing food waste, and fostering a vibrant culinary community. It provides an intelligent, user-centric platform that empowers users to cook creatively, sustainably, and efficiently, contributing to modern solutions for food sustainability and culinary innovation.

03/09/2024 – 03/10/2024

Practice at Orange Systems

Project: **ParkingGuru**

Description:

Developed *ParkingGuru*, a dynamic web application designed to streamline urban parking management by enabling real-time parking reservations, user-centric vehicle management, and role-based access control. The system integrates secure authentication through **OAuth2** and **JWT tokens** and incorporates modern technologies such as **GraphQL** for efficient data handling.

Key Features:

- Real-time parking space tracking and reservations
- Dynamic pricing models based on demand and traffic conditions
- Vehicle location tracking via GPS to enhance user convenience
- Role-based access for drivers, city administrators, and law enforcement
- Integrated digital payment systems for seamless transactions
- Dedicated law enforcement interface for parking compliance monitoring

Technologies Used:

- Backend: Node.js, GraphQL, JWT Authentication
- Frontend: React.js, Bootstrap
- Authentication: OAuth2, JWT Tokens
- Database: PostgreSQL
- Tools: Git, Docker

Outcome:

ParkingGuru optimizes urban parking efficiency by reducing congestion, improving resource utilization, and enhancing the user experience for drivers and administrators. It contributes to smart city initiatives, supporting sustainable urban development.

● **HOBBIES AND INTERESTS**

Sports

I have a strong passion for sports, including football, tennis, volleyball, and basketball, as they help me stay active and foster teamwork and discipline. Additionally, I enjoy following professional soccer, with FC Barcelona being my favorite team, as I admire their strategy, style of play, and rich history in the sport.