



Eugen Ostafi

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Home: Chisinau, bd Renasterii Nationale 6 Apartment 8, MD-2000 Chisinau (Moldova)

EDUCATION AND TRAINING

Bachelor of Science. English-taught Honours Programme in Software Engineering.

Technical University of Moldova [01/09/2022 – Current]

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

Baccalaureat Diploma

Theoretical Lyceum "Constantin Spataru" [01/09/2019 – 31/05/2022]

Address: Stefan Cel Mare Street 57, Leoca (Moldova)

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Russian

LISTENING B1 READING B1 WRITING B2

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

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

SKILLS

React / React Native / TypeScript / JavaScript / GitHub / HTML / CSS / Tailwind CSS / SASS / Figma / SQL / REST API / C++ / Python / UI Kit / Material UI / Docker

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.

[13/10/2024 – Current]

Personal Portfolio Website

Designed and developed a responsive personal portfolio to showcase my front-end development skills, projects, and professional background. The site serves as a central hub for my work, demonstrating expertise in HTML, CSS, JavaScript, and modern front-end frameworks.

Key features include:

- Fully responsive layout optimized for desktop, tablet, and mobile
- Interactive project gallery with detailed case studies
- Smooth navigation and clean, minimalist UI/UX
- Performance-optimized and accessible design

Technologies used: React, TypeScript , Sass and GitHub.

Link: <https://eugenostafi.netlify.app/>

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.