

# Delia-Elena Ungureanu

## FRONTEND DEVELOPER

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### ABOUT ME

I'm a highly motivated Computer Science graduate with a completed Master's degree in Software Engineering. I'm passionate about Frontend Development and continuously expanding my skills in modern web technologies, user experience, and scalable software solutions. With a strong foundation in both technical development and project management strategies, I'm eager to take on challenging projects and contribute to the success of a forward-thinking, dynamic organization.

### WORK EXPERIENCE

**FRONTEND DEVELOPER**  
Ness Digital Engineering  
Oct. 2023 - May 2024

*REACT, TYPESCRIPT,  
JAVASCRIPT, HTML, CSS,  
DOCKER, NODE.JS, REDUX*

Worked on an internal application for the company in a SCRUM environment with React and Typescript and further developed skills with hooks, React Router, Redux, React Query and the React Developer Tools extension for debugging. Acquired previous knowledge through personal and academical projects and courses working with HTML, CSS, Sass, Javascript, Node.js, Express.js and more.

**SUBSTITUTE TEACHER**  
"Emil Racoviță" National College  
Sept. 2024 - Mar. 2025

Taught Computer Science and Information Technology to students in grades 5–12, covering a wide range of topics from introductory HTML and C++ algorithms to basic computer architecture.

**DATA ENTRY OPERATOR**  
SC Energo Val SRL  
Aug. 2018 - July 2025

*WORD, EXCEL,  
DATABASES, PAINT,  
COMMUNICATION,  
ORGANIZATION*

Collected, entered, verified, and processed data within information systems according to the specific requirements of the role. Responsible for inputting information from documents into software applications while ensuring data accuracy. Prepared user installation files for connection to public utility networks. Created electrical diagrams for various projects using specialized software.

### EDUCATION

**'ALEXANDRU I. CUZA' UNIVERSITY**  
Oct. 2023 - July 2025

Master's Degree in Software Engineering  
with 2nd Level of Pedagogy Module

**'ALEXANDRU I. CUZA' UNIVERSITY**  
Oct. 2020 - July 2023

Bachelor's Degree in Computer Science  
with 1st Level of Pedagogy Module

SKILLS	React, TypeScript, JavaScript, HTML, CSS, SASS, Node.js, Express.js, Python, Problem-solving, Critical thinking, Creativity, Time management, Adaptability, Teamwork, Open-mindedness, Attention to detail	
	Languages: Romanian (native), English (fluent - C1)	
PUBLISHED ARTICLES & CONFERENCES	Document Identity Provider: an Anti-Tempering Solution 28TH INTERNATIONAL CONFERENCE ON KNOWLEDGE BASED AND INTELLIGENT INFORMATION AND ENGINEERING SYSTEMS (KES 2024) Sept. 2024 - Seville, Spain	
	SimulEase: A VR-Assisted Approach to Overcoming Social Anxiety INTERNATIONAL CONFERENCE ON USER-SYSTEM INTERACTION (ICUSI) Sept. 2025 - Iasi, Romania	
COURSES & CERTIFICATES	CERTIFIED REACT DEVELOPER - ADVANCED LEVEL Mar 2024   W3Schools	
	THE COMPLETE 2024 WEB DEVELOPMENT BOOTCAMP Feb 2024   Dr. Angela Yu - Udemy	
	REACT & TYPESCRIPT - THE PRACTICAL GUIDE Mar 2024   Academind	
PROJECTS	DISSERTATION THESIS: SIMULEASE - A VR APPLICATION FOR REDUCING SOCIAL ANXIETY Oct. 2024 - July 2025	Dissertation project focused on developing SimulEase, a VR application built in Unity to help users manage social anxiety through realistic scenario simulations. It integrates voice- and text-based stress detection using Hume AI and Microsoft Azure, with AI-driven conversation powered by OpenAI's GPT-4. 3D assets were created and animated using Blender, Mixamo, and AccuRIG. The app delivers personalized exposure therapy (VRET) to complement CBT and supports self-guided mental health improvement.
	BACHELOR'S THESIS PROJECT: PLANTIPAL Oct. 2022 - July 2023	iOS app for plant identification and care guide, using Swift, UIKit, Tensorflow (with TFLite and Keras) and multiple imported APIs. Designed and trained a VGG16 convolutional neural network model for image classification on 6 different plant species and imported the PlantNet API to identify another 1081 species.
	GAIT - WEB APPLICATION DEVELOPMENT PROJECT	A web-based tool that enables users to interact with GraphQL APIs using natural language constructs (text or voice).
	WEB FULLSTACK APPLICATION: COSE	Multiple Page Web Application designed to warn and inform its users about the most recent crisis situations around the world, developed using HTML, CSS, Javascript and PHP.
	VR UNITY EXPERIENCE: MCESCAPE	Horror escape room game located in McDonalds, a project for Introduction to Mixed Reality, developed with Unity, Blender and C#.