



Bejan Valentin

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 **Home:** Galati, Galati (Romania)

ABOUT MYSELF

I am passionate about the field of Web development and artificial intelligence, and I aim to develop my skills and actively contribute to the success of an organization. I rely on my trainee experience at Still-Co, projects completed out of passion, and the knowledge gained at the Faculty of Automatics, Computers, Electrical and Electronics Engineering at the "Dunărea de Jos" University of Galați, as well as my continuous desire to grow and learn.

WORK EXPERIENCE

 **Still-Co** – Galati, Romania

City: Galati | Country: Romania

Intern

[26/06/2023 – 14/07/2023]

I completed a 3-week internship at Still-Co, working 6 hours per day.

I gained practical knowledge and skills in Web development using JavaScript and React.

 **Thecon** – Galati, Romania

City: Galati | Country: Romania

Intern

[08/01/2024 – 29/03/2024]

I completed an internship from January 8, 2024, to March 29, 2024, at the company Thecon.

During this program, I gained practical knowledge and skills in web development using JavaScript and React.

EDUCATION AND TRAINING

Master's Student

Faculty of Automatics, Computers, Electrical and Electronics Engineering [09/2025 – Current]

City: Galati | Country: Romania | Field(s) of study: Advanced Information Technologies (TIA)

Student

Faculty of Automatics, Computers, Electrical and Electronics Engineering [10/2021 – 2025]

City: Galati | Country: Romania | Field(s) of study: Computers and Information Technology (CTI)

Skills:

- Programming: React, JavaScript, Java, C#, Python
- Artificial Intelligence: training Stable Diffusion or LLM models.
- Databases: Oracle SQL Plus, MySQL, PostgreSQL
- Graphics in Blender, Premiere Pro, After Effects

Baccalaureate Diploma

"Dunarea" Theoretical High School [2017 – 2021]

City: Galati | Country: Romania | Field(s) of study: Mathematics-Informatics

Skills:

- Certificate of professional informatics skills
- Digital skills
- Linguistic skills

Baccalaureate Exam with the chosen subject in Informatics

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING C1 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** C1

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

PROJECTS

Pizza site Built using React for a fast and intuitive experience. An example of a web application for a Pizzeria, to order various types of pizza. The site allows user registration and login, product selection, a contact page, and the insertion and validation of user data in the database.

A video presentation of the project is available on its Github page.

Link: <https://github.com/Valentinbejan/pizza>

Using AI in game creation "Echoes of Solitude" is an innovative video game that utilizes artificial intelligence for every aspect of its creation, from art and voice acting to coding and story.

Pe pagina de Github a proiectului veti gasi si o prezentare video a acestuia.

Link: https://github.com/Valentinbejan/Using_AI_in_game_creation

Registration_and_login_page I developed a registration page (RegistrationPage.js) in JavaScript, using the React library. I created a form for user data entry, implementing validation functionalities. I also added user existence verification and developed other pages, including the authentication page (LoginPage.js) and user pages, ensuring that access is restricted only to authenticated users.

A video presentation of the project is available on its Github page.

Link: https://github.com/Valentinbejan/Pagina_de_inregistrare_si_logare

Electrical Appliances

- Project created using the Java programming language and Java Swing for the graphical interface.
- The project consists of a graphical user interface (GUI) that accesses and filters a set of databases (various electrical appliances: Iron, Dishwasher, Washing Machine, Monitor, Air Conditioner), according to the user's desired criteria (by price, producer, color, etc.).
- This project can ease the work of a product salesperson who wants to find products that meet different criteria (example: price= between 100 and 200 lei, color= blue, producer= LG) similar to sites like Emag or Altex.
- Additionally, the filtered dataset can be exported (using the Export button) or a previously filtered dataset can be imported (using the Import button).
- The results are displayed on the right side of the interface.

Link: <https://github.com/Valentinbejan/AparateElectrice/tree/Valentin2>

react-project5 I developed a React project where I performed the following operations:

1. Converted temperatures from Celsius to Fahrenheit.
2. Displayed integers multiplied by 2.
3. Displayed product names and prices.
4. Mapped products in React components.
5. Added the "color" property to objects.
6. Added the "brand" property to the second element of the array.

A video presentation of the project is available on its Github page.

Link: <https://github.com/Valentinbejan/proiect-react5>

react-project4 I developed a project in React in which I created the following components:

1. UserCard: Displays user data in a card.
2. ProductItem: Displays the details of a product in a dedicated element.
3. Post: Displays information about a post.
4. Comment: Displays the details of a comment.
5. TodoItem: Displays information about a task.
6. Parent with ChildA and ChildB: Parent component containing children ChildA and ChildB for interaction.
7. Counter: Manages a number with increment and decrement buttons.
8. Timer: Displays a timer controlled by start/stop buttons.
9. Parent with Button and Message: Parent component with Button and Message children to change the message when the button is pressed.
10. Form: A component with a form to enter name and email address.
11. Accordion: Displays an expandable list of questions and answers.
12. ProductList: Lists products and displays details upon selection.

A video presentation of the project is available on its Github page.

Link: <https://github.com/Valentinbejan/proiect-react4>

react-project3 I developed in React:

1. Counter: A component with buttons that increments a number on each press.
2. Timer: A component with a timer and buttons for start, stop, and reset in real-time.
3. Currency Converter: A React application for converting amounts between currencies.
4. Contact List: A React application for managing a contact list with add, edit, and delete functionalities.
5. Calculator: A simple calculator in React for basic mathematical operations.

A video presentation of the project is available on its Github page.

Link: <https://github.com/Valentinbejan/proiect-react3/tree/master>

react-project2 I developed an interactive page in React, which presents examples of distinct data depending on the buttons pressed.

A video presentation of the project is available on its Github page.

Link: <https://github.com/Valentinbejan/proiect-react2>

react-project1 The React application includes:

1. Structured in two halves: left and right.
2. Components for multiple option selection.
3. Greeting Component: Generates a random greeting with a random color.
4. Greeting2 Component: A clickable, colored rectangle to change the color.
5. Employee Component: Button with a link to "Google".

6. CustomSpin Component: Four instances of the Spin component positioned on the page.
7. Tabletest Component: Table with initial data, with the possibility of adding new rows.

A video presentation of the project is available on its Github page.

Link: <https://github.com/Valentinbejan/proiect-react1>

Counting coins in an image The "Coin Detection in Images" Python project is an innovative solution designed to automatically detect and count the number of coins present in a given image. This project leverages the power of computer vision and machine learning techniques to accurately identify and quantify various coin denominations within the provided image.

Link: <https://www.linkedin.com/in/bejan-valentin-702b53287/details/projects/1635535867960/single-media-viewer/?profileId=ACoAAEXCYTIB0-88okoetGMjAUFE0eyTrzIE4bU>

Food-Ordering-App This project consists of developing a mobile application for managing products and orders, with functionalities for users and administrators, using React Native, Expo, and Supabase for the database and authentication.

Link: <https://github.com/Valentinbejan/Food-Ordering-App>

recipe-app In this project, I developed a recipe application using React for the frontend and Node.js with Prisma for the backend. Users can view their favorite recipes. I used ElephantSQL for the database and the Spoonacular API for recipe data.

Link: <https://github.com/Valentinbejan/recipe-app>

OCR Application with Flask, Celery, and Docker This is a simple web application that allows users to upload images. The application performs Optical Character Recognition (OCR) using Tesseract to extract text from images. OCR processing is done in the background using Celery (with Redis as a broker) to keep the web interface responsive. The entire application is containerized using Docker and Docker Compose for easy setup and execution.

Link: <https://github.com/Valentinbejan/flask-ocr-celery-app>

Baccalaureate Exam Management System This project is a Java web application developed for managing Baccalaureate exam data and results. The application allows the administration of students, exams, and grades, and offers separate functionalities for users with administrator and student roles.

Link: <https://github.com/Valentinbejan/BaccalaureateProject>

langgraph-excel-agent Universal Excel Agent This project is an AI agent built with LangChain and LangGraph, which can intelligently interact with Excel files and modify them based on natural language commands.

Features:

- Reads and inspects Excel files.
- Answers questions about the file's content.
- Adds, updates, and deletes rows.
- Intelligently handles both structured and unstructured sheets.
- Applies conditional formatting (styling) based on cell values.
- Automatically creates backup copies before each modification.

Setup:

1. Clone the repository.
2. Create a Python virtual environment: `python -m venv venv`
3. **Activate it:** `source venv/bin/activate` (or `venv\Scripts\activate` on Windows).
4. Install the dependencies: `pip install -r requirements.txt`
5. Create a `.env` file and add your `OPENROUTER_API_KEY`.

Run the project:

`python main.py`

Link: <https://github.com/Valentinbejan/langgraph-excel-agent>

HOBBIES AND INTERESTS

Animation and Video Editing I manage a YouTube channel dedicated to animations created with Blender, Premiere Pro, and After Effects. For more details and to view my videos, I invite you to visit my YouTube channel.

Link: <https://www.youtube.com/@Valentinebej/featured>

Exploration of AI Technologies Active interest in the evolution of AI, including hands-on experimentation with large language models (LLM), text-to-image, and text-to-speech (TTS) technologies.