Gârcineanu Elena-Laura

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github.com/ElenaLaura366 | Portofolio

SUMMARY

Aspiring web developer and Master's student in Computer Science. Eager to building user-friendly web applications, and looking for a Junior Web Developer role to contribute and grow professionally

EDUCATION

Transylvania University   Brașov, Romania
Bachelor in Computer Science   *Oct. 2022 – Jul 2025*

EXPERIENCE

Software Engineering Intern   June 2024 – June-2025
Siemens Romania R&D   *Brașov, Romania*

- Developed and trained custom artificial intelligence models based on medical data
- Developed a full-stack web application using Gradio, FastAPI, and PyTorch to showcase my model capabilities
- Explored ways to improve the model's architecture in order to obtain better results

Web Developer – Collaboration   August 2022 – June 2024
Artbyte   *Brașov, Romania*

- Mainly engaged in internal development, with additional experience collaborating on client projects
- Delivered responsive and SEO-friendly designs using React, NodeJS, TypeScript, MongoDB, PHP, and Tailwind

PROJECTS

MedSAM App | *Gradio, Python, Lightning, FastAPI*   October 2024 – July 2025

- Fine-tuned a model on my dataset and developed an app to showcase its image segmentation performance
- Used Gradio to create the interface and Lightning and FastAPI to process data
- Exposed the model via FastAPI, enabling integration with other applications

PalChat | *React, NodeJS, Express, MongoDB, TailwindCSS*   August 2025 – Present

- Developed a full-stack chat application that translates conversations in real time into your language
- Used WebSockets for real-time conversation exchange
- Enhanced user experience through responsive design and an easy-to-use app
- Implemented a translation feature by integrating an external API

TECHNICAL SKILLS

Languages: Python, SQL (Postgres), JavaScript, TypeScript
Frameworks: React, Angular, Node.js, Express, Flask, FastAPI
Developer Tools: Git, Docker, VS Code
Libraries: PyTorch, NumPy, Matplotlib, Gradio, Lightning, Weights & Biases