

Szakacs Ferenc-Adam



szakfer97@gmail.com



0771405782



LinkedIn



GitHub



Personal website



WORK EXPERIENCE

Full Stack Web Developer, *Climarol Prest*

Jan 2024 – Aug 2024

- **Developed and Maintained Web Applications:** Developed and maintained high-performance web applications using the MERN stack, ensuring scalability and responsiveness.
- **Continuous Testing and Code Quality:** Implemented continuous testing with Jest to ensure robust, reliable, and high-quality code.
- **Effective Communication:** Demonstrated effective communication skills, enhancing team coordination and project efficiency.
- **Agile Methodologies:** Applied Agile methodologies to adapt to changing project requirements and deliver timely features.
- **Proactive Sprint Participation:** Actively participated in sprint planning and retrospectives, promoting transparency and continuous improvement.
- **Cross-Functional Collaboration:** Collaborated with cross-functional teams to gather feedback and deliver user-focused solutions aligned with business goals.

Full Stack Software Developer, *DevNest*

Jan 2022 – Apr 2023

- **Front-End Development & UI Design:** Built responsive, visually appealing user interfaces using HTML, CSS, and JavaScript, ensuring cross-browser compatibility.
- **Dynamic Web Interactions:** Developed dynamic web interfaces using React and server-side rendering with Next.js, managing user input validation, routing, and optimizing performance for both client and server.
- **Server-Side & API Development:** Developed Node.js server-side applications, handling APIs, server routes, and database interactions efficiently.
- **API Integration:** Created and managed RESTful APIs, streamlining front-end and back-end communication.
- **Collaborative Teamwork:** Worked closely with designers and project managers to align web development efforts with business goals.
- **Testing & Debugging:** Performed unit and integration testing to ensure application reliability across both front-end and back-end components.



EDUCATION

Master's Degree in Distributed Systems in the Internet,

Jul 2023 – Jun 2025

Universitatea din Oradea

Bachelor's Degree in Computer Science,

Jul 2020 – Jun 2023

Universitatea din Oradea



PERSONAL PROJECTS

Personal website

Developed a fully responsive personal portfolio website using React, Vite, and TypeScript, showcasing a comprehensive view of my professional skills and achievements.

Boiler management app

Responsive app written with MERN stack that regulates the boiler temperature through the control panel of the house's thermostats.

Football data viz app

App written in Python using NumPy, SciPy and Pandas that generates multiple graphs and tables visualizing advanced metrics of Premier League players.

SKILLS

Frontend Development

React, HTML, CSS

Full-stack development

JavaScript, TypeScript, NextJS

Styling

Tailwind, Sass, Bootstrap

Unit Testing

Jest

Continuous integration / Continuous deployment

Jenkins, SonarQube

Backend Development

NodeJS, .NET

Database Management

MongoDB, SQL

Design

Figma

Version Control

Git with GitHub/GitLab

Working Agile

Jira

LANGUAGES

English

Professional speaker

Romanian

Native speaker

Hungarian

Native speaker

SCIENTIFIC RESEARCH

Impact of AI on society, Collegium Varadinum

May 2024

I authored a scientific paper for Collegium Varadinum that meticulously examines the multifaceted effects of artificial intelligence (AI) on society. In this paper, I explored the myriad advantages of AI, such as enhanced efficiency, improved decision-making, and the potential for innovation across various sectors. Conversely, I also delved into the significant drawbacks, including high implementation costs, the risk of increasing unemployment, ethical dilemmas, and the lack of emotional intelligence in AI systems.

By presenting a balanced view of both the benefits and challenges associated with AI integration, I provided a thorough analysis and drew nuanced conclusions about the future implications of AI on societal structures and individual lives. My work was recognized for its depth and clarity, earning me an award for participation and a commendation for securing a high position in the academic evaluation. This recognition underscores the relevance and quality of my research, highlighting its contribution to ongoing discussions about the role of AI in modern society.

CERTIFICATES

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| - Cambridge CAE | - Teaching Module Diploma | - Collegium Varadinum SSC |
| - SoloLearn React Certificate | - SoloLearn JavaScript Certificate | - SoloLearn HTML Certificate |
| - SoloLearn CSS Certificate | - SoloLearn C# Certificate | - SoloLearn Python Certificate |
| - SoloLearn Java Certificate | | |