

EDUARD - MARTIN KARTMAN

Junior Software Engineer

PERSONAL INFORMATION

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ABOUT ME

I am a dedicated junior software developer with a strong foundation in Automation Engineering and Computer Science. My passion for innovation and technology drives me to continuously explore and learn the latest advancements in the field. Through hands-on experience, I have developed proficiency in various programming languages and frameworks, allowing me to build and contribute to a wide range of projects. I thrive in dynamic environments where I can apply my problem-solving skills, collaborate with teams, and create efficient, scalable solutions.

WORK EXPERIENCE

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|-------------------|---|
| Jan - Jun
2024 | Junior Fullstack Developer - NetCare International ApS (Contract) <ul style="list-style-type: none">Designed and integrated innovative features across APIs, middleware, UI components, and services using .NET 8, Angular 15, and TypeScript, achieving a 30% improvement in user experience enhancements.Transformed and elevated existing codebases by optimizing and refactoring, resulting in a 40% increase in performance and a 25% boost in maintainability.Utilized the Azure ecosystem, including Azure Function App, Blob storage, Web App, and Azure AD, to develop scalable and secure cloud solutions with a 35% reduction in deployment time.Swiftly resolved bugs and managed code quality with SonarCloud, improving code quality scores by 20%, and excelled in writing SQL and LINQ queries, enhancing data retrieval efficiency by 50%. |
| Jan - May
2023 | .Net Software Developer - Suvoda Software (Internship) <ul style="list-style-type: none">Actively engaged in hands-on development tasks, gaining practical experience within the .NET Framework, with a primary emphasis on C# programming language and ASP.MVC.Effectively utilized Git for version control, contributing to a more organized and collaborative development environment, and Jira for Agile project management, ensuring efficient task tracking and team communication.Participated in comprehensive database design activities using SQL, demonstrating proficiency in maintaining efficient database structures and leveraging Entity Framework for seamless data integration. |
| Jul - Aug
2021 | Junior Automation Engineer - Caditec Automation (Summer Practice) <ul style="list-style-type: none">Problem-solving abilities through dynamic interactions, gaining perspective on tackling challenges.Engineered Python scripts to enable seamless communication between advanced camera systems and KUKA robotic arms. |

SKILLS

- Proficient command of **C#** , **Javascript** , **Angular** , **TypeScript**
- Good command of **.NET Framework** , **Java** , **HTML** , **CSS** , **SQL** , **Git**
- Basic command of **Node.js** , **NestJS** , **Vue.js** , **SpringMVC** , **Entity Framework** , **Azure** , **PostgreSQL**

EDUCATION

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|-------------|--|
| 2019 - 2023 | “Transylvania” University of Brasov, Romania <ul style="list-style-type: none">Bachelor of Automation Engineering and Computer ScienceAutomation Engineering - MATLAB , PSpice , AutoCADSoftware Engineering - Java , C# , C/C++ , Arduino |
| 2015 - 2019 | “Andrei Muresanu” Highschool of Brasov, Romania <ul style="list-style-type: none">Computer Science Certificate - HTML , CSSRomanian Baccalaureate - C/C++ , English - B2 Diploma |

LANGUAGE SKILLS

- English - C1 - Professional level
- French - A2 - Basic level
- German - A1 - Beginner
- Romanian C2 - Native language

VOLUNTEERING

2018 - 2023

Happy Camps - Brasov, Romania (Cultural Director)

- Organized and led a variety of cultural events for children, fostering a love for arts and culture, which significantly enhanced their creative and social skills.
- Planned, coordinated, and executed numerous cultural activities, ensuring seamless operations and high participant engagement, showcasing my strong organizational and planning abilities.
- Collaborated closely with a diverse team of volunteers to design and implement creative programs for camps and events, demonstrating excellent teamwork and communication skills.

CERTIFICATES

- **Web Design** - Ministry of Education of Romania

COURSES

- **“The Ultimate C# Course”** - Krystyna Ślusarczyk (*Udemy*)
- **“The Complete JavaScript Course”** - Jonas Schmedtmann (*Udemy*)
- **“Angular - The Complete Guide (2024 Edition)”** - Maximilian Schwarzmüller (*Udemy*)

PERSONAL PROJECTS

- **Artist Portfolio**
 - **Frontend:** Built with **React**, offering a responsive and interactive user interface. Includes features such as adding, editing, and deleting artwork entries, with an intuitive layout and smooth transitions.
 - **Backend:** Powered by **NestJS**, providing a robust and scalable API for handling data operations and business logic.
 - **Database:** **PostgreSQL** is used as the relational database management system, ensuring reliable and efficient storage and retrieval of artwork data.
- **Investment Calculator:** Web application for calculating the potential profit after investing the capital which uses the latest **Angular** technology, **TypeScript**, **HTML** and **CSS**.
- **To Do Application:** Developed **Java**, **HTML** and **CSS**-based To-Do List application with **Spring MVC** backend which uses **H2 database** and **HTTP API** for seamless interaction with front-end interfaces.
- **Bankist App:** Designed **JavaScript**-based banking application with authentication, balance viewing, money transfer, loan functionality, and account deletion.
- **Bachelor's Project - Web Application linked to A9G GPRS Modem**
 - **Backend:** Developed **ASP.MVC** Core project with **Razor Pages** using **.NET 7 Framework**, which uses **Entity Framework** and **SQL** for efficient data management.
 - **Frontend:** Developed a user-friendly interface using **HTML**, **CSS**, and **Bootstrap**, and integrated **Arduino UNO** with **A9G GPS/GPRS Modem** for SMS-based functionality.

COMMUNICATION SKILLS

- **Transformative Collaboration :** Worked collaboratively with diverse partners in unique and challenging situations, fostering personal and professional growth through adaptive communication strategies.
- **Versatile Communication Skills :** Developed a diverse set of communication skills that go beyond conventional norms, including proficiency in public speaking, diplomatic interactions.
- **Effective Team Collaboration:** Worked closely with a diverse team of volunteers to design and execute innovative programs for camps and events, demonstrating strong organizational skills and ensuring high levels of participant engagement.