

EDUARD - MARTIN KARTMAN

Junior Software Developer

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, allowing me to build and contribute to a wide range of projects.

Open to relocate: Eindhoven, Den Bosch, Utrecht, Amsterdam, Haarlem, Rotterdam, Den Haag - The Netherlands

WORK EXPERIENCE

Dec 2023 -
Jun 2024

Junior Fullstack Developer - NetCare International ApS (Full-time)

- 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 2023 -
Jun 2023

.Net Software Developer - Suvoda Software (Internship)

- 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** and **Entity Framework**.

Jun 2022 -
Oct 2022

Junior Software Engineer - VARTA Microbattery AG (Internship)

- Developed and maintained **WinForms** applications using **C#** to enhance automation processes and improve workflow efficiency;
- Designed and implemented **SQL** databases to collect and store data from production machines, enabling real-time data analysis and reporting;
- Assisted in the development and design of internal web application using **HTML**, **CSS** and **JavaScript**, contributing to the front-end functionality.

Jul 2021 -
Sept 2021

Junior Automation Engineer - Caditec Automation (Internship)

- Problem-solving abilities through dynamic interactions, gaining perspective on tackling challenges;
- Engineered **Python** scripts to enable seamless communication between camera systems and KUKA robotic arms.

EDUCATION

2024

Javascript Explorer - Ditigal Nation

- Designed web pages with **HTML & CSS**;
- Wrote Javascript code and apply Javascript fundamentals;
- Used tools such as **React**, **Express** and **MongoDB**.

2019 - 2023

"Transylvania" University of Brasov, Romania

Bachelor of Automation Engineering and Computer Science

- Automation Engineering - **MATLAB**, **PSpice**, **AutoCAD**;
- Software Engineering - **Java**, **C#**, **C/C++**, **Arduino**.

2015 - 2019

"Andrei Muresanu" Highschool of Brasov, Romania

- Computer Science Certificate - **HTML**, **CSS**
- Romanian Baccalaureate - **C/C++**, **FoxPro**, **English** - **B2 Diploma**

LANGUAGE SKILLS

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

SKILLS

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

VOLUNTEERING

2018 - 2023

Happy Camps - Brasov, Romania (Cultural Representative & Web Design Trainer)

- 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;
- Organized and taught web design classes for 7th and 8th grade students during camps, holding two sessions per day to introduce them to the most basic **HTML** and **CSS** for creating simple web pages;
- Developed teamwork, adaptability, and problem-solving skills while participating in various NGO activities, including camps and events for children and teenagers.

CERTIFICATES

- **Web Design** - Education Ministry 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

- **Quiz App:**
 - Through this project, I have enhanced my skills in front-end development, using **React.js**, **Next.js** and responsive with intuitive design, making it easy for users to navigate and participate in quizzes.
- **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.