

# Emil Ismayilzada

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## PROFILE

Versatile Data Analyst and Software Developer with a proven track record of leading projects and delivering robust technical solutions at BMW Group. My passion is bridging the gap between raw data and strategic business decisions.

## SKILLS

Python, MongoDB, React, ASP.NET, C#, SQL, Java, Firebase, REST, Git, JavaScript, PL/SQL, Flutter, Confluence, JIRA, Microsoft Azure, NoSQL Databases, HTML, scikit-learn, matplotlib, Matlab, PyTorch, Apache Kafka

## WORK EXPERIENCE

<b>BMW Group</b> , Data Analyst	10.2024 – present
	Debrecen, Hungary
<ul style="list-style-type: none"><li>Lead the Digital Twin for Energy Module Production project, developing a Web-based 3D platform integrating multiple data sources, enabling management and associates to monitor KPIs, dashboards, and part-level data.</li><li>Implement a live energy module tracking system, visualizing part flow and history across stations, with SAP data integration.</li><li>Integrate Large Language Models with tool support into the Digital Twin, allowing users to retrieve data from multiple systems and receive real-time assistance</li><li>Develop and maintain ETL pipelines from diverse sources to ensure near real-time data availability for dashboards and analytics.</li><li>Optimize platform performance through short-term caching for intensive queries, reducing database load.</li><li>Establish an uptime monitoring system for ETL processes using Redis and Grafana, enhancing operational reliability and visibility.</li></ul>	
<b>BMW Group</b> , Software Developer Intern	11.2023 – 06.2024
	Debrecen, Hungary
<b>VisitMe</b> , Software Developer Intern	04.2021 – 06.2024
	Debrecen, Hungary
<ul style="list-style-type: none"><li>Collaborating with a team to develop multiple web applications using <b>ReactJS</b>, <b>ASP.NET</b>, and <b>C#</b>.</li><li>Contributing to the development of a guest list app for events, which helps manage attendance and streamline check-ins.</li><li>Designing and developing an easy-to-use menu page for customers, enhancing the user experience and improving customer engagement.</li><li>Learning and implementing best practices for software development, testing, and deployment.</li><li>Participating in team meetings and discussions to share ideas, identify problems, and propose solutions.</li></ul>	
<b>LimeLight Renhold</b> , Front End Developer Intern	03.2021 – 05.2021   Oslo, Norway
<ul style="list-style-type: none"><li>Designed and developed responsive web pages based on assigned tasks, adhering to web development best practices and guidelines.</li></ul>	

- Improved existing web components to match customer needs, optimizing the user experience and engagement.
- Collaborated with the design team to ensure the web pages' visual design and branding aligned with the company's image and message.
- Utilized front-end technologies such as **HTML**, **CSS**, and **JavaScript**, and worked with web development frameworks and libraries such as **Bootstrap**.
- Implemented responsive web design principles and techniques to ensure compatibility across devices and browsers.
- Participated in team meetings, code reviews, and testing sessions to ensure the quality of the web pages.

## EDUCATION

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**University of Debrecen**, Computer Science MSc  09.2022 – 06.2024  
Debrecen, Hungary

**GPA 4.25/5.0**

Built a peer-to-peer item rental app using **Flutter** and **Firebase**. Utilized Flutter for cross-platform development, Firebase for backend services, and Dart with **BLoC** for state management.

**University of Debrecen**, Computer Science BSc  09.2019 – 06.2022  
Debrecen, Hungary

**GPA 4.42/5.0**

Developed a web-based Expense Tracker platform  using **ReactJS**, **C#**, **ASP.NET** and **MSSQL**, allowing users to track expenses by scanning QR codes of receipts. Integrated API from the State Tax Service to obtain information and expanded the platform to include features such as categorization of receipts, tracking of prices over time, and statistical analysis.

## PROJECTS

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**ASP.NET Developer**, *Abdel's Kitchen* 05.2021 – 06.2021

- Created online exclusive meal order system / POS with **ASP.NET**, **HTML/CSS/JS** stack
- Designed and implemented a user registration system that allows customers to create and manage their profiles.
- Collaborated with the admin team to establish an approval system that grants customers full access to the website's features.
- Built a comprehensive backend system that enables the owner to manage orders, customers, items, and view sales statistics.
- Successfully delivered the project within the given timeframe, meeting all requirements and ensuring seamless functionality.

**ASP.NET Developer**, *CavApp* 05.2020 – 06.2020

- Built a QA forum with a payment feature, enabling users to ask questions by paying and choose answers from other users' responses.
- Implemented a payment system that allowed chosen answer users to receive payment, and users to use their balance on the website or withdraw it.
- Utilized **ASP.NET** and **C#** programming languages, and integrated third-party payment APIs for secure transactions.
- Deployed the application on the **Microsoft Azure** platform and ensured optimal performance.

## Rentodo, Flutter Developer ☀

Rentodo connects you with a community of users who are offering their items, making it easier and more affordable than ever to access the things you need. Tech stack: Dart, Flutter, Firebase Firestore, Firebase Cloud Functions, Flutter BLoC, Firebase Messaging

## LANGUAGES

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English (IELTS 8.0)

Turkish (Fluent)

Azerbaijani (Native)

Hungarian (A2)

## COURSES

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### ASP.NET, C# Development, Code Academy

12.2017 – 07.2018 | Baku, Azerbaijan

## AWARDS

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### 2nd place in Web Project category,

GoldenByte International IT Championship

18.05.2018

## CERTIFICATES

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### CCNA Routing and Switching: Introduction to Networks ☀

Cisco Networking Academy

### IT Specialist - Cloud Computing ☀

Certiport

### Software Design for Social Inclusion

Participated in the Blended Intensive Programme (BIP) organized by Escuela Técnica Superior de Ingeniería de Telecomunicación (ETSIT) from Universidad Politécnica de Valencia (UPV)