



## Contact

### Phone

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### Email

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### Location

Valmiera, Latvia

### GitHub

<https://github.com/Imeldazadeja>

## Education

2024 - Present

**Socio-Technical Systems Engineering - PhD**

Vidzemes Augstskola

*Research topic: Enhancing Operational Efficiency and Innovation in SMEs through Strategic Knowledge Discovery and Management Practices*

2021 - 2023

**Computer Engineering, Big Data - MSc**

Canadian Institute of Technology

*Thesis: The implementation of Adaptive Learning in Education using Machine Learning Algorithms*  
Final Grade: A+

2018-2021

**Information Technology - BSc**

European University of Tirana

*Thesis: Gamification in Education: A research analysis and a model of implementation*  
Final Grade: 9.8/10

## Language

Albanian - Native

English - Fluent

Italian - Intermediate

German - Elementary

# Imelda Zadeja

## Data Analyst|Data Science

Results-driven software engineer with a strong foundation in Microsoft technologies, including .NET Core, C#, SQL Server, and Microsoft Azure. I hold a master's degree in computer engineering with a focus on big data and recently completed the Google Data Analytics Professional Certificate. This background equips me with a keen analytical mindset and hands-on experience in SQL, Python, R, and data mining. Having honed my expertise in backend development and cloud technologies, I'm now eager to apply my technical skills and deep understanding of data analytics to a role in data analytics or data engineering. Proficient in BigQuery, data visualization, and data-driven decision-making, I'm committed to delivering impactful insights and solutions in the data science field.

## Experience

Nov 2022 - May 2024

Smouse by Studio Informatica | Remote

### Software Engineer

Contributing in the MailDocPro software (<https://www.maildocpro.com/>) with the following primary responsibilities:

- Integral part of the team involved in the migration of the application from the legacy Gizmox framework to WiseJ.
- Wrote clean, efficient code as per design specifications.
- Identifying and fixing software defects in collaboration with the team.
- Collaborating with cross-functional teams to foster effective collaboration and project synergy.

**Technologies and tools:** WiseJ Framework, .NET Framework, C#, Visual Basic, Entity Framework, MS SQL Server, T-SQL, Microsoft Azure, Microsoft Visual Studio, Agile Methodology

Mar 2022 - Jul 2022

ATIS Software Factory | Tirana, Albania

### Software Developer

Contributing in various e-commerce projects, with key responsibilities:

- Wrote efficient code based on design specifications.
- Identified and troubleshooted software defects.
- Collaborated with stakeholders for a thorough understanding of project needs.

**Technologies & tools:** JavaScript, NodeJS, Angular 8+, RxJS, NgRx, Sass, CSS, Gitlab/Bitbucket, Jira/Trello.

Jan 2021 - Mar 2022

Dilaxia Nova | Shkodra, Albania

### Software Developer

Contributing in UTOPIA GDPR software (<https://www.utopiathesoftware.com/>) with key responsibilities:

- Created clean, efficient code per design specifications.
- Used relevant programming languages and frameworks.
- Identified and fixed software defects to improve application quality.
- Collaborated with project managers, estimated project timelines, and provided status updates.

**Technologies & tools:** Angular, Sass, ExpressJS, JavaScript, NodeJS, Loopback, MongoDB, GitLab, Jira, Agile Methodology.

Jan 2020 - Mar 2020

Intesa Sanpaolo Bank | Tirana, Albania

### Internship - ICT Applications DWH Development

Worked in the ICT Division's Applications Office, specializing in Data Warehouse development:

- Gained insights into IT department operations in banking, understanding various responsibilities.
- Built foundational skills in Oracle Database, Oracle tools for SQL/PLSQL development, and ETL processes using Oracle Data Integrator

# Technical Skills

- SQL
- Python - pandas, NumPy, scikit-learn, Matplotlib
- R - ggplot2, dplyr, caret
- Tableau | PowerBI
- Microsoft Azure
- MongoDB
- BigQuery
- Data Analytics | Data Mining
- .NET Core | ASP.NET | EF
- C# | Visual Basic
- Angular | NodeJS | JavaScript
- Software Development
- Database development
- Relational database
- Version Control
- Agile Methodology

# Soft Skills

- Teamwork
- Communication
- Critical Thinking
- Problem Solving
- Time management
- Attention to detail
- Adaptability
- Creativity

# Certifications

- Jul 2024  
**SQL (Intermediate) Certificate - HackerRank**  
<https://www.hackerrank.com/certificates/2c5598e625e5>
- Jun 2024  
**Google Data Analytics Professional Certificate**  
[https://www.credly.com/badges/fe35cb70-c7a1-4551-a82b-3ae2cdea686d/public\\_url](https://www.credly.com/badges/fe35cb70-c7a1-4551-a82b-3ae2cdea686d/public_url)

# Activities

- Aug 2023  
European Forum Alpbach | Tyrol, Austria  
**Scholarship Holder**  
Selected out of 4000 applicants for the EFA23 as scholarship holder.
  - Participated in two impactful seminars: "Responsible AI, Ethics, Law and Society" and "The Art of Being Spontaneous - Improvisation in Music and Beyond".
  - Engage in discussions about Europe's role in technology, security, climate change, democracy, and science with fellow scholarship holders, academics, politicians, and industry leaders to build a bolder Europe. <https://www.alpbach.org/>
- May 2023 - Jun 2023  
Eötvös Loránd University | Budapest, Hungary  
**Fellowship in Computer Science**  
Short-term exchange student - CEEPUS Mobility program. [https://www.ceepus.info/Faculty of Informatics; Department of Programming Languages and Compilers](https://www.ceepus.info/Faculty%20of%20Informatics;%20Department%20of%20Programming%20Languages%20and%20Compilers)
  - Conducted research for master's thesis focused on adaptive learning in education, personalized learning, recommendation systems, machine learning algorithms, and data visualization.
  - Attended computer science courses: software engineering life cycle, advanced algorithms & data structures, natural language processing, deep network development, data models and databases.
- Apr 2023 - May 2023  
Palacký University Olomouc | Olomouc, Czechia  
**Fellowship in ICT in Education**  
Short-term exchange student - CEEPUS Mobility program. [https://www.ceepus.info/Faculty of Education; Department of Technical Education and Information Technology](https://www.ceepus.info/Faculty%20of%20Education;%20Department%20of%20Technical%20Education%20and%20Information%20Technology)
  - Participated in laboratories work, seminars, and workshops focused on educational technologies, programming languages, 3D modeling, business modeling.
  - Research work on my diploma thesis. My diploma thesis research focused mainly on domains: adaptive learning in education, personalized learning, recommendation systems, machine learning algorithms, natural language processing
- May 2022  
KnowHub | Universitat de Girona, Spain  
**STEM (Self)employment Bootcamp**  
Participated in a STEM (Self)employment Bootcamp organized by Universitat de Girona through the Erasmus+ KnowHub project. <https://knowhub.eu/>
  - Attended lectures delivered by professors from various European countries covering topics such as Innovation Management & Creativity, Business Modeling (utilizing the Business Model Canvas), Data Collection & Analytics, Marketing, and Customer Segmentation.
  - Developed a project idea focused on constructing a smart machine for medical waste management and recycling.