

# Balamir Demirkan Belül

COMPUTER ENGINEER | AI & BACKEND DEVELOPMENT

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## Objective

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Recently graduated, motivated and detail-oriented Computer Engineering student at Riga Technical University, specializing in multimodal conversational AI. Passionate about innovative AI solutions and backend development. Strong problem-solving skills and a keen interest in research and development within artificial intelligence, machine learning and data science.

## Experience

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### Backend Developer Internship | Elladium Holding Ltd.

15.03.2025-30.07.2025

- Developed backend services using Python to handle data processing and API integrations.
- Worked with large-scale data files, implementing efficient parsing, cleaning, and transformation techniques.
- Developed Python script for data extraction, automation, and light data analysis.
- Integrated in the development of RESTful APIs, contributing to endpoint design, testing, and documentation.
- Collaborated with the team to enhance backend architecture and troubleshoot issues.

### Software Developer Internship| BLUESENSE

24.09.2025-Current

- Developed and maintained backend services using .NET for scalable mobile applications.
- Built and optimized PostgreSQL database schemas and queries to ensure performance and reliability.
- Designed and implemented RESTful APIs for iOS and Android clients.
- Integrated in the development of RESTful APIs, contributing to endpoint design, testing, and documentation.
- Collaborated with the engineering team to deliver secure, efficient, and production-ready solutions.

### AI/Python Intern| FOREO

15.09.2025-Current

- Designed and tested machine learning algorithms for data analysis and predictive modeling.
- Utilized Python (pandas, NumPy, scikit-learn) for data preprocessing, feature engineering, and model evaluation.
- Implemented automation scripts to improve data handling and workflow efficiency.
- Contributed to AI-driven prototypes aimed at enhancing product performance and customer insights.

## Education

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### Riga Technical University, BSc Computer Systems

2021-2025

GPA: 6.86/10 | Bachelor thesis topic: Multimodal conversational AI assistant for learning support, 8/10