Mihnea-Daniel Bostina

Student at Technical University of Cluj-Napoca

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Profile

Enthusiastic and ambitious student enrolled at Technical University of Cluj-Napoca, possessing a keen aptitude for continuous learning and skill refinement.

Professional Experience

Alfa Software, *Intern*   07/2024 — 08/2024
Alfa Software is a Romanian software house that produces and maintains an ERP (enterprise   Cluj-Napoca
resource planning) system.

Achievements/Tasks:

- **SQL Development**: Engaging in backend development, designing and optimizing database structures, queries, and performance to support application functionality and data integrity.
- **Power BI Reporting**: Creating reports and dashboards by transforming company data into meaningful insights.
- Translating business requirements into tailored solutions that align with customer objectives, preferences, and business processes.

Education

Bachelor's in Computer Engineering, *Technical University of Cluj-Napoca*   2022 — present

High School, *Colegiul National "Mihai Eminescu" Petrosani*   2018 — 2022

Skills

Technical skills:

- Python, Pandas, Numpy, TensorFlow, ETL, SQL, NoSQL, Java, Spring Boot, Docker, REST APIs, C/C++, HTML/CSS, Linux OS, Bash, Git, Power BI, Object Oriented Programming, Algorithms and Data structures, Functional Programming

Soft skills:

Communication, Teamwork, Problem-Solving, Adaptability, Critical thinking, Creativity

Projects

Full stack music web application - Java Spring and PostgreSQL for backend implementation. [Github] ⧉
The project is a music web application designed to replicate the functionality of a service like Spotify. Users can follow and recommend each other music. The application supports CRUD operations for users, albums, reviews, and posts.
- Technologies: Java (Spring), Javascript (React), HTML, CSS, JPA (Hibernate), Spring Security, SQL (PostgreSQL)

Desktop application - Polynomial Expression Analyzer [Gitlab] ⧉
Java application for an easier way of performing mathematical operations such as addition, subtraction, division, integration and differentiation on a user-given polynomial which is parsed using regular expressions.
- Technologies: Java, Java Swing (GUI)

Languages

Romanian, English