Aymane Rami

aymanerami9@gmail.com | +32 484 82 60 48 | Github | LinkedIn | Brussels, Belgium

Profile

Junior full-stack developer with over a year of hands-on experience gained through an internship and several real-world projects involving software development, data management, and API creation. Passionate about software development, I build robust and maintainable applications by combining strong programming skills with data analysis expertise. Detail-oriented, curious, and committed to continuous improvement, I adapt easily to team environments and am always eager to learn new technologies to maximize my impact on projects.

Technical Skills

Langages : Python, SQL / NoSQL, Java, C#, JavaScript, ASP.NET Core
Tools : Git, agile methodology, DevOps, dbt, Snowflake, Tableau

Strengths

- Time management
- Adaptability
- Problem solving
- Communication

Languages

English: C1
French: C2
Arabic: C2
Dutch: B1

Education

Bachelor's in Business Computing   June 2024
HELB Ilya Prigogine - Brussels
With Merit

High School Diploma in Education and Youth Work   June 2019
École Saint-Vincent - Brussels

Experience

Hospital Analytics, June 2025

- Built a data pipeline for a simulated hospital environment.
- Generated synthetic datasets (patients, doctors, hospitalizations) using Python, Faker, and NumPy.
- Loaded CSV files into Snowflake via SnowSQL and the snowflake-connector-python.
- Modeled and transformed data with dbt to create analytical views (monthly admissions, average hospitalization durations, etc.).
- Exported results as compressed CSV files for analysis.
- Designed an initial dashboard in Tableau Desktop based on dbt-generated SQL views.

FakeSchoolData, Apr. 2025 – Jun. 2025

- Developed a data pipeline simulating a school's data environment.
- Generated synthetic CSV datasets for students, courses, and grades using Python and Faker.
- Built and populated a Snowflake database to store and query the data.
- Transformed data with dbt for enhanced analytics.
- Created Python scripts to perform statistical analysis and generate visual reports with Matplotlib.
- Automated workflows with GitHub Actions to run analyses and upload result artifacts for easy review.

Lexlau CMS, Jan. 2024 – May 2024

- Project developed with C# ASP.NET for the backend and Flutter/Dart for the frontend.
- Centralization of services offered by Lexlau.
- Managed the module for automatic generation of legal documents.
- Created an API to send various legal document templates to the frontend.
- Communication with SQL Server database via Entity Framework.

Conquering Space, Oct. 2023 – Jan. 2024

- Project developed in C# with ASP.NET.
- Simulation of the universe around us.
- Management of celestial objects such as comets, constellations, satellites, and planets.
- Two APIs: one for authentication, the other for celestial object management.
- Communication with SQL Server database via Entity Framework.
- Frontend built with JavaScript and Razor Pages (cshtml).

UFC Events, Feb. 2023 – June 2023

- Developed a mobile application to follow UFC events.
- Allows users to place virtual bets on UFC fights.
- Built with Android Studio using Java.
- Works with external API calls.

Express Market, Oct. 2022 – Jan. 2023

- Project developed in collaboration (GitHub: https://github.com/exauMS).
- Created a cross-platform application using .NET MAUI.
- Supermarket product management application.
- Full CRUD functionality for all supermarket products.
- Access database used.

HELB Manager, Oct. 2022 – Jan. 2023

- Developed a full-featured project management website with Python and Django.
- Implemented a drag-and-drop system for changing task statuses within projects.