Ginelli Alessio

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SUMMARY

Computer Science graduate with work experience in **full-stack development and automation**. Proficient in C#, .NET, Java, SQL databases, and web services. Developed personal and professional projects, including automated data import services and secure web applications. Seeking to apply software engineering expertise across diverse domains, from application development to system integrations.

WORK EXPERIENCE

Full-stack Web Developer - AZServe   Apr 2024 - Present

Developing and maintaining a complex cloud-based management system for a major retail (electronics) company, composed of multiple independent modules for front-end, back-end, storage, and models. Key responsibilities:

- Developed front-end using **Vaadin** and back-end with **JPA/Hibernate** on **WildFly** servers.
- Created and integrated **REST APIs**.
- Designed and managed **SQL Server** databases.

PROJECTS

Web Development with .NET & Blazor

Developed full-stack web applications as personal projects in **C#**, implementing front-end and back-end functionality, user authentication, cookie management, database connectivity, role-based access control, and encryption. Also built **own Portfolio Website** to keep track of projects.

Word Similarity Prediction Tool

Implemented natural language processing techniques using **Python**, leveraging **SpaCy** and **Gensim** for natural language processing tasks. Designed for internal applications.

Data Import Service from WebService

Developed an automated service to ingest pharmaceutical data from a SOAP WebService into a local database, using **JAX-WS** and **JDBC** for database connectivity. Scheduled the process with a **.bat** file and decreased load by sharing data across multiple databases using **MySQL federated tables**, improving data availability and reducing manual processing time.

EDUCATION

2023-2025 Bachelor's Degree at **Ca' Foscari** university in Computer Sciente   (Grade: 100/110)
2017-2022 High school **ITTS V.Volterra**

SKILLS

Programming languages and similar: **Java, C#, Python, CSS, html** (advanced), **C, C++, JavaScript** (intermediate) **R, PHP** (basic)
Operating systems: Linux (daily use, basic CLI knowledge) and Windows (intermediate)
DBMS: Experience with **MySQL**, **SQL Server**, and **PostgreSQL**