

# Francisco Antonio Molina Alava

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## EDUCATION

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### Czech Technical University in Prague

*Bachelor's Degree - Software engineering (in progress)*

Expected 2027

*Czech Republic*

## ACADEMIC PROJECTS

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### Library Management System

2024

*Czech Technical University in Prague*

*Czech Republic*

- Developed a full-stack web application for managing a library using **Java (Spring Boot)** for backend and **JavaScript, React, HTML, and CSS** for frontend.
- Designed and implemented the database using **MySQL**.
- Used **GitLab** for version control and collaborative development.

### Hangman Game (C Language)

2024

*Personal Project*

*Czech Republic*

- Created a basic version of the classic Hangman game using **C**.
- Focused on user input handling, string manipulation, and control flow.

### Cafeteria Database System

2023

*Czech Technical University in Prague*

*Czech Republic*

- Designed and implemented a database management system using **PostgreSQL**.
- Modeled tables and relationships for cafeteria inventory, orders, and staff.
- Executed basic queries for management and reporting.

## CERTIFICATIONS

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**Git + GitHub:** Complete Version Control System, Udemy, March 2023.

**LFS101x:** Introduction to Linux, The Linux Foundation, edX, April 2023.

## TECHNICAL SKILLS

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**Programming Languages:** C, Java, SQL, JavaScript, HTML, CSS, Racket

**Tools & Platforms:** Git, GitHub, GitLab, PostgreSQL, MySQL, Linux

**Skills:** Full-Stack Development, Database Design, Version Control.

## LANGUAGES

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**Spanish:** Native

**English:** B2 – Upper

## CONTACT

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**GitHub:** <https://github.com/Fama1201>

**LinkedIn:** <https://www.linkedin.com/in/francisco-molina-096a422b5/>