

# Joana Zacellari

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## EDUCATION

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**Bethany Lutheran College** | Mankato, MN

(Intended) B.S. in Computer Science and Mathematics | GPA: 3.9/4.0

May 2027

## TECHNICAL SKILLS

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**Programming Languages:** Python, Java, C#

**Frameworks & APIs:** Django, Node.js, RESTful API design

**Web Technologies:** HTML, CSS, JavaScript

**Databases:** MySQL, MongoDB (NoSQL)

**Technical Tools:** Git, Figma, Microsoft Access (database management)

## PROJECTS

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**Pet Shelter** | Personal Project

**Github:** <https://github.com/joana0101/Paws-Patrol>

- Built a full-stack application using the MERN stack.
- Front-end development accomplished using React Router for navigation and Axios for HTTP's request.
- Implemented CRUD functionalities along with real-time validation, toast notifications, and loading state indicators.

**Pokepedia** | Coursework

**Live Demo:** <https://joanazacellari.me/Pokepedia/> | **Github:** <https://github.com/joana0101/Pokemon-Project>

- Developed a fully functional integration of the PokeAPI for displaying 200 Pokémon, utilizing real-time data retrieval.
- Developed a filtering module that features 18 type-based filters, as well as a dual-mode search option (searching by name or number).
- Built detailed Pokémon pages featuring stats, Pokedex descriptions. Designed everything in Figma

## PROFESSIONAL EXPERIENCE

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**Mathematics Tutor** | Bethany Lutheran College | Mankato, MN

September 2024 - Present

- Provide assistance to students in courses I have previously completed with skills approved by the faculty.
- Dedicated 10 hours a week to tutoring, building a positive learning environment and encouraging students to succeed in math-related subjects. Helped students with problem-solving techniques, homework, and test preparation.

## EXTRACURRICULAR EXPERIENCE

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**BLOCS** | Computer Science Club | BLC

August 2023 - Present

- Collaborate with other students to improve programming skills, learn about computer science basics, and develop problem-solving strategies through group work.

**Nerds Unite** | Science Club | BLC

January 2024 - Present

- Participate in science experiments, discussions, and group projects related to scientific inquiry, experimentation, and applications of scientific concepts.