

# Maria Lukowich | Web Developer

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## PROFILE

I am a Web Developer transitioning from a background in Food Research and Development where I focused on product research, quality assurance, and analytical testing. My previous work sharpened my problem-solving skills and attention to detail, which I now apply to building efficient web applications. With hands-on experience in modern web development such as React and Node.js, I'm eager to contribute to innovative tech teams.

## SKILLS

*React, JavaScript, Next.js, Node.js, Express, TypeScript, Authentication, JWT, CORS, Basic DevOps, REST APIs, MySQL, SQL, HTML, CSS, SASS, Git, Agile Methodologies, Problem-Solving, Object-Oriented Programming, Data Analysis*

## PROJECTS

### Frontend Developer (Next.js, TypeScript, SASS) | Campscape

OCT 2024 - CURRENT

- Building an interactive campsite review platform using Next.js for dynamic routing and fast data fetching.
- Utilizing TypeScript to enforce type safety, improving code reliability and debugging.
- Styling with SASS to create a responsive design, ensuring a consistent UI across devices.
- Developing a review submission and rating system with form validation.

### Full-Stack Developer (JavaScript, React, Node.js, Express, JWT, CORS, Postman) | ShelfSage

SEPT 2024

- Built a book recommendation app in React, using hooks and context API for smooth user interactions.
- Implemented secure authentication with JWTs and CORS in Node.js/Express to protect user data.
- Developed a recommendation engine with axios for API requests and managed data using MySQL.
- Designed and tested API endpoints with Postman, ensuring reliable book management features.

## EDUCATION

### BrainStation | Diploma, Software Engineering

GRADUATED, SEPT 2024

### Harvard, online | Certificate, Introduction to Programming with Python

COMPLETED, 2024

### Harvard, online | Certificate, Introduction to Computer Science

COMPLETED, 2023

### Academy of Applied Pharmaceutical Studies, online | Diploma in Food Technology, Safety, and Quality

GRADUATED, JUL 2023

### Northern Alberta Institute of Technology | Diploma in Culinary Arts

GRADUATED, APR 2021

## EXPERIENCE

### Research and Development and Quality Assurance Associate | Gummy Nutrition Lab

SEPT - OCT 2023, EDMONTON, AB

- Played a pivotal role in the early-stage development of a startup establishing a comprehensive Quality Assurance program.
- Formulated innovated gummy recipes, addressing taste, texture, and production to support scalable growth.

### Student Research Assistant | Centre for Culinary Innovation, NAIT

MARCH 2020- DEC 2021, EDMONTON, AB

- Contributed to the growth of a startup-focused research lab by developing novel food techniques and products.
- Analyzed data and created research summaries, enhancing client presentation and decision-making.
- Initialed and led the Centre's social media strategy, increasing online presence through target content creation.