

# 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, Python, Django, MySQL, SQL, HTML, CSS, SASS, Bootstrap, Authentication, Basic Deployment, REST APIs, Node.js, TypeScript, Express, Next.js, Data Analysis, Problem Solving, Quality Assurance Standards, Social Media Management, Documentation, UI/UX, Responsive Web Design, Jira, Agile methodologies, Object-Oriented Programming, git, Postman*

## 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 (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

- Established and implemented Quality Assurance programs, ensuring 100% compliance to industry standards.
- Formulated innovated gummy recipes, solving taste, texture, and production challenges.

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

MARCH 2020- DEC 2021, EDMONTON, AB

- Contributed to the development of novel food techniques, ingredients, and flavors, enhancing client product lines.
- Analyzed data and developed research summaries, improving client presentation and decision-making.
- Initialed and led the Centre's social media strategy, growing online presence through target content creation.