

Angela Novakovic, MSc

PROFESSIONAL SUMMARY

I seek a full-stack developer role that fosters growth and meaningful contributions. With 6+ years in chemistry and a passion for software engineering, I bring continuous learning, meticulous attention to detail, and effective time management to ensure success.

SKILLS

Back end development | Java • C • Python • Express • NodeJS
Front end development | JavaScript • ReactJS • Bootstrap • NextJS
• Vite • Tailwind CSS • CSS • HTML
Databases | MongoDB
Other Tools | NextAuth, Google OAuth, Git
Soft Skills | Team player, Bias for action, Deliver results

PROJECT:

PORTFOLIO PROJECT

Angela Novakovic Portfolio is a showcase of my journey and projects in software development and an overview of my career in chemistry. Crafted with **Next.js**, **JavaScript**, and **React**, the website encompasses distinct pages meticulously designed to highlight my expertise and notable achievements. Leveraging **Next.js** features and styled with **Tailwind CSS**, the platform offers an immersive user experience. The portfolio also integrates external **APIs** to fetch data dynamically, enhancing the interactivity and content relevance of the site.

NEXT.JS RECIPES

I created a **Next.js** project, bootstrapped with *create-next-app*, called Recipe Blog. This full-stack application is designed for sharing cooking and baking recipes. The app utilizes **Next.js** features and integrates a **MongoDB** database for managing recipes with **CRUD** functionality. Authentication is powered by **NextAuth**, offering **Google authentication** for users. Styled using **Tailwind CSS**, the platform offers features such as profile pages, tag-based recipe search, and a seamless user experience for discovering and sharing delicious recipes.

ORGOCHEM TUTORING PROJECT

I designed a website for organic chemistry tutoring services using **React**, **Vite**, and **Tailwind CSS**. **React** enabled the creation of dynamic components for an intuitive user experience, while **Tailwind CSS** provided a sleek and modern design, enhancing visual appeal and usability. The platform offers students a user-friendly interface to access tutoring services, facilitating effective learning and understanding of organic chemistry concepts. To further enhance functionality, the website incorporates **RESTful APIs** to manage session bookings and provide real-time updates.

SOFTWARE DEVELOPMENT COURSES

- **Java** • Object Oriented Programming • [McGill University](#) 2017
- **Java** • Data Structure & Algorithms • [McGill University](#) 2019

- **Bash Shell & C** • C language overview • [McGill University](#) 2019
- **Discreet Structures** • Mathematics • [McGill University](#) 2019
- **Python** • Data Science, AI & Development • [META/IBM](#) 2023
- **JavaScript** • [Self-taught](#) + Review of **HTML** and **CSS** 2024
- Learning **React** + **Node.js** + **MongoDB** 2024

RECENT EXPERIENCES

RESEARCH ASSOCIATE • EXPLORATORY MEDICINAL CHEMISTRY

NuChem Sciences (acquired by Sygnature Discovery) • Montreal, Canada • 2023 – now

- Optimized the yield of a Diels-Alder reaction from 30% to 80%, streamlining the supply chain process and enhancing productivity in a small molecule synthesis research environment.

- Effectively communicated recent synthetic efforts to clients, providing clear and comprehensive explanations that improved their understanding and confidence in project outcomes.

- Collaborated closely with colleagues, offering insightful suggestions and ideas during problem-solving sessions, fostering a collaborative work environment and facilitating effective solutions to synthetic challenges.

EDUCATION

MSc, Organic Chemistry, **McGill University**

Graduated 2023 • Research Thesis

BSc(Honour), Bio-Organic Chemistry, **McGill University**

Graduated 2020

QUICK LINKS

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 [Angela Novakovic](#)

 [GitHub - Angela](#)

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