

# Angela Novakovic, MSc

## OBJECTIVE

I am seeking an engaging role as a full-stack developer that fosters skill development and allows for meaningful contributions. Bringing together my background in chemistry with a genuine passion for software engineering, I naturally embody a drive for continuous learning, a meticulous eye for detail, and effective time management skills—all essential for achieving success in any endeavor.

## PROJECT

### JAVA PROJECT

JAVA

- different design of YouTube with button and links to the real websites.

### YOUTUBE REPLICATE

HTML, CSS

- different design of YouTube with button and links to the real websites.

### SUDOKU COMPETITIVE GAME

HTML, CSS, JavaScript

- different design of YouTube with button and links to the real websites.

### NEXT.JS RECIPES

I developed a Next.js 14 AI Prompt Sharing Full-Stack Application showcasing Next.js features and implementing a MongoDB database for CRUD functionality and NextAuth for authentication. Styled with Tailwind CSS, the application allows users to discover and share AI prompts, with features like profile pages, tag-based search, and Google authentication.

## SOFTWARE DEVELOPMENT COURSES

- Java • *Object Oriented Programming* • COMP202 • Introduction to Programming • McGill University 2017
- Java • *Data Structure & Algorithms* • COMP250 • Introduction to Computer Science • McGill University 2019
- Bash Shell & C • *C language overview* • COMP206 • Introduction to Software Systems • McGill University 2019
- Discreet Structures • Introduction to discrete mathematics and applications. • MATH240 • McGill University 2019
- Python • Data Science, AI & Development • Certifications on LinkedIn • META/IBM via Coursera 2023
- Javascript • Self-taught + Review of HTML and CSS 2024
- Learning React + Node.js

## RECENT EXPERIENCES

### RESEARCH ASSOCIATE• EXPLORATORY MEDICINAL CHEMISTRY

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

- Synthesizing complex small molecules
- Optimizing the scaleup and supplying key intermediates to the team in an efficient and productive manner.
- Improved the yield of a Diels-Alder reaction to 80% from 30% yield
- Discussing with clarity the recent synthetic efforts to the clients
- Suggesting solutions in collaboration with my colleagues

## SKILLS

JAVA

C

PYTHON

PANDAS

HTLM

CSS

JAVASCRIPT

NEXT.JS

REACT

NODE.JS

ORGANIC  
CHEMISTRY

Tailwind CSS

## EDUCATION

**MSc, Organic Chemistry,** **McGill University**

Graduated 2023 • Research Thesis

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

Graduated 2020

## QUICK LINKS

✉ [Angela.Novakovic.SD@gmail.com](mailto:Angela.Novakovic.SD@gmail.com)

 [Angela Novakovic](#)

 [GitHub - Angela](#)

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