Shivya Mehta

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Education

McMaster University   **September 2022 – April 2026**
Bachelors of Engineering in Software Engineering   *Hamilton, ON*

- **Courses**: Data Structures & Algorithms, Object-Oriented Programming, Computer Architecture
- **CGPA**: 3.9/4.0, Dean's Honour List

Technical Skills

Languages: Python, Java, JavaScript, Typescript, HTML5/CSS3, C, Bash
Tools: VS Code, IntelliJ, Postman, Microsoft Excel, Power BI
Technologies/Frameworks: React.Js, Next.js, PostgreSQL, MongoDB, Flask, Django, GitHub, Git

Work Experience

Frontend Developer   **June 2024 — Present**
McMaster Engineering Society   *Hamilton, ON*

- Redesigned and optimized the booking process for a system used by over 5,000 students, utilizing **Next.js**, **Tailwind CSS**, **Figma**, and **Git** to enhance efficiency and user experience.

Analyst Intern   **May 2024 — Present**
Enbridge Gas   *North York, ON*

- Performed data collection, analysis, and entry using **Microsoft Excel** and **Power BI**, ensuring accurate records management and generating detailed reports for project management.
- Utilized strong **problem-solving** and **analytical skills** to validate customer information and calculate incentive payments, ensuring compliance with company procedures.

Projects

LinkedOut Reach | Source Code   **Python, Flask, React.js, Typescript, MongoDB, Cohere API**

- Co-developed a full-stack platform for HackThe6ix 2024, helping students and career changers connect with professionals who share similar backgrounds and providing personalized example messages for networking.
- Implemented **web scraping** with **Selenium** and **BeautifulSoup** to extract and parse LinkedIn profiles.
- Integrated **MongoDB** for data storage, while leveraging **Cohere** API for text comparison, summarization, and generation, significantly improving the quality of automated outreach content.

Promptly | Source Code   **Python, Flask, Next.js, MongoDB**

- Developed a full-stack journaling application for StarterHacks 2024 using **Next.js** and **Tailwind CSS**, implementing a responsive user interface.
- Designed, tested, and implemented **RESTful API** endpoints using **Flask** and **Postman**, enabling secure and efficient data retrieval, storage, and management in **MongoDB**.
- Implemented **CRUD** operations for journal entries, ensuring seamless interaction between the frontend and backend.

BollyFusion Website | bollyfusion.ca   **ReactJS, Tailwind CSS**

- Developed a visually appealing and responsive website using **React.js** and **Tailwind CSS** to enhance the online presence of a small business.
- Increased customer engagement by **380%** by integrating user-friendly forms and features on the business website, enhancing communication with owners via email and growing the client base.