

Marmik Patel

[marmikp19\[at\]gmail.com](mailto:marmikp19[at]gmail.com) | (xxx) xxx-xxxx | [linkedin.com/in/marmikp](https://www.linkedin.com/in/marmikp) | marmikpatel19.github.io

Education

University of Saskatchewan. Saskatoon, Canada

Expected December 2025

Bachelor of Science, Computer Science. GPA: 3.9/4.0

- Relevant Courses: Data Structures & Algorithms, Full Stack Web Development, Object-Oriented Programming, and Software Engineering.

Technical Skills

JavaScript, Python, Java, React.js, SQL, HTML/CSS, Git, Node.js, PHP

Experience

Software Engineer Intern

May 2023 - April 2024

[7shifts Inc.](#) Toronto, Canada

- Developed a tip distribution software for restaurants using **React.js**, **TypeScript**, **MySQL**, and **PHP**, allowing **14,133 employees** to receive **\$40,300,000 in tips**.
- Built new **REST API** endpoints to enable 274 companies to automatically discontinue services, saving two hours per week in manual offboarding.
- Implemented new **front-end** components for the company's UI toolkit, leading **140 new users** to discover the payment product and increasing landing page views by 380%.
- Integrated a third-party financial service, Plaid, into the app to let users link their bank accounts, reducing initial payment wait time by **60%**.
- Tested user onboarding and payment reports with over 50 new Jest unit and Playwright end-to-end tests, increasing coverage of critical user flows by 17%.

Software Developer Intern

May 2022 - August 2022

[Infokidz Academy Inc.](#) Edmonton, Canada

- Architected a **full-stack** web app to advertise the company's tutoring services using Express.js, **React.js**, **Node.js**, and **MongoDB**, increasing student registration by **400%**.
- Leveraged an **AWS S3** bucket to store academic worksheets, providing students with quick access to hundreds of practice questions.

Projects

GPT-Powered Document Search

[7shifts Inc.](#) Toronto, Canada

- Integrated over **10,000 internal files** with the company's **AI language model** using RAG to store vectorized embeddings, allowing **302 employees** to access company information through conversations.
- Scraped 377 technical documents using **Python** and the **GitHub API** by shifting the search process to GitHub's servers before API retrieval, cutting processing time from five hours to three minutes.

Long Covid Study Participant Portal

[Vaccine and Infectious Disease Organization](#). Saskatoon, Canada

- Engineered a dashboard that displays Covid statistics for a **\$20,000,000 research study**, enabling 650 study participants to view their data.
- Empowered administrators to upload research spreadsheets using **TypeScript**, **PostgreSQL**, and **Next.js**, parsing over 1,000 study surveys.