Marmik Patel

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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**, PHP, and **MySQL**, 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 into the app to let users link their bank accounts, reducing initial payment wait time by **60%**.
- Tested the application 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 and deliver academic worksheets directly to the web app, providing students 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**, allowing **302 employees** to access company information through conversations.
- Scraped 377 technical documents using **Python** and the **GitHub API**, 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.
- Implemented a feature using **TypeScript**, **PostgreSQL**, and Next.js for administrators to upload research spreadsheets, parsing over 1,000 study surveys.