

Prakarsh Kamal

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EDUCATION

McMaster University

Bachelor of Applied Science, Honours Computer Science (Co-op), GPA: 3.7/4.0

Sept 2019 – May 2024

PROFESSIONAL EXPERIENCE

Vena Solutions, Toronto, ON

May 2022 – Present

Software Developer Co-op [React, JavaScript, Java, TypeScript]

- Implementing modeler features using React on Vena's **SaaS** web application used by **1200+** customers across **10+** industries
- Programmed unit tests for modeler utilizing React Testing Library and Jest achieving **85%** line coverage
- Collaborated in the delivery of Quick Start Wizard model flow by creating front-end skeleton reducing TTV by **127** hours
- Developed a TypeScript Progress Bar Component for our in-house UI Library which is deployed and used by **8** different teams
- Led a team of **8** developers as Scrum Master in Q3 with responsibilities including ticket pointing, collaborating with PM/TL, and obeying agile best practices

McMaster Continuing Education, Hamilton, ON

May 2021 – Feb 2022

Web & Communications Assistant [Jira, Google Analytics, Sharepoint, Microsoft Dynamics]

- Created reports with custom metrics and dimensions in Google Analytics to identify **70%** of new users that completed goals
- Built **30** drip campaigns in Microsoft Dynamics with conditional segments to be deployed in live customer journeys
- Collaborated in a team of **3** in the scheduling process during the Fall campaign utilizing Sharepoint and published the schedule on the website backend
- Analyzed data from Sprout Social to gauge and compare social performance on **4** social media platforms

Giden, Toronto, ON

Sept 2020 – Dec 2020

Front-end Developer Intern [React, JavaScript]

- Developed front-end components such as the sidebar and navigation bar using React
- Utilized media queries to support a responsive user experience for **20%** of the mobile audience
- Tested the **2** components with spec files to ensure robust functionality

PROJECTS

- **The Daily Edition** [TypeScript, Next.js, React, mediastack API, GraphQL, Tailwind CSS, StepZen] Jan 2023
 - Coded a news app which pulls in live data from the mediastack news API to display on the front-end built with TypeScript, Next.js and Tailwind CSS
 - Employed GraphQL queries to filter **10** properties from the API like image, author, title, description, country, timestamp etc. that route to a custom-built endpoint in StepZen
 - Added search and news categories with incremental static regeneration on **7** pre-built pages which cache the data every **30 seconds** increasing build times by **20%**
- **Hydronizer** [JavaScript, React, Python, HTML/CSS] Jan 2021
 - Innovated the idea of smart solution to set reminders for regular water breaks
 - Created google chrome extension in JavaScript to interrupt user's screen and initiate **30 minutes** timer
 - Utilized REST APIs to send and receive metric information from backend to frontend
- **Social Media Clone** [Django, Python, JavaScript, SQLite, HTML/CSS] Mar 2020
 - Implemented basic features – login, sign-up, password reset components and pages
 - Incorporated advanced features – messages, user profile/interests, friend requests, liking posts
 - Populated a test database with **5 users** using SQLite to ensure all functionality on backend/frontend
 - Deployed Django as the backend and managed RESTful API calls

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, TypeScript, Python, C, HTML/CSS, Tailwind CSS, SQL, Bash, LaTeX, Haskell
- **Frameworks/Technologies:** React.js, Node.js, Next.js, Redux, GraphQL, Django, Jest, Selenium, JUnit, Figma, Adobe XD
- **Developer Tools:** Git, Jira, IntelliJ, VSCode, Linux, PowerShell, AWS, Jenkins, Docker, Postman

CERTIFICATIONS AND AWARDS

- **Amazon Web Services (AWS) Certified Cloud Practitioner (CLF-C01)** July 2022
- **McMaster Dean's Honor List** May 2021 / 2022