

# 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
- 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

- **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
- **Rock, Paper, Scissors** [Java] Oct 2020
  - Coded a Java program to parse user input and evaluate output on the rules of rock, paper, scissors
  - Implemented stack data structure as an input validation technique on 3 types of parentheses
  - Designed various test and edge cases with JUnit to output results to terminal
- **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

## VOLUNTEER EXPERIENCE

- **DeltaHacks IX** [Logistics Executive] July 2022 – Present
  - Collaborating with logistics and other portfolios to plan, design and execute DeltaHacks IX for **1300+** students
  - Organizing venue facilities, item inventories, budgeting for catering, swag, and prizes

## TECHNICAL SKILLS

- **Languages:** Java, JavaScript, TypeScript, Python, C, HTML/CSS, Tailwind CSS, SQL, Bash, LaTeX, Haskell
- **Frameworks/Technologies:** React.js, Node.js, Redux, Django, Jest, Selenium JUnit, pytest, 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