

PRAKARSH KAMAL

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EDUCATION

McMaster University

Sept 2019 – May 2024

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

Relevant courses: Data Structures & Algorithms, Software Testing, Object-Oriented Programming, Databases

TECHNICAL SKILLS

- **Languages:** Java, JavaScript/TypeScript, Python, HTML/CSS, Tailwind CSS, SQL, Bash
- **Frameworks/Technologies:** React, Node.js, Next.js, MongoDB, MySQL, GraphQL, Spring Boot, Jest, JUnit
- **Developer Tools:** Git, Postman, REST, Jenkins (CI/CD), Azure DevOps, Datadog, AWS, Firebase, GCP, Docker

EXPERIENCE

Vena Solutions – Authentication, Vena for Microsoft Teams

Toronto, ON

Software Developer 2 [React, TypeScript, Node.js, Java, REST, Jenkins]

July 2024 – June 2025

- Co-developed and launched **Vena Copilot for Microsoft Teams**, incorporating AI-generated reports and insights into enterprise workflows, distributed to users through the Microsoft Teams App Store
- Architected and implemented the end-to-end delivery of the **“Open in Teams”** feature integrating Microsoft Graph APIs, reducing reporting steps by **3x** and enabling Excel previews directly inside the Teams app
- Engineered and rolled out a reusable login **micro-frontend** in **Node.js** for internal Vena applications, building **REST APIs** in **Java** to support SSO and 2FA authentication flows
- Delivered **dark mode** within **24 hours** to meet Microsoft Partner Center validation requirements ahead of public release
- Integrated internationalization (**i18n**) into the Vena web client, enabling dynamic switching between **7** languages and locales to support global readiness
- Managed large-scale UI and server deployments using **Jenkins/Azure DevOps** pipelines, CI job validation, and automated test suites, while leveraging **Datadog** to identify flaky tests, and debug stack traces, cutting deployment errors by **30%**
- Collaborated with **10+** engineering teams in a multi-repo Git codebase, leading **60** code and design reviews that improved code quality, coverage and accelerated feature delivery
- Facilitated **agile** ceremonies as **Scrum Master** for a cross-functional team of **8**, streamlining sprint planning, refinement, and retrospectives, which improved sprint velocity by **15%** and reduced delivery bottlenecks across **3** projects

Vena Solutions – Data Model Standardization

Toronto, ON

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

May 2022 – Aug 2023

- Constructed and unit-tested modeler features in **React** for Vena’s SaaS platform used by **2000** enterprise clients, achieving **95%** test coverage with React Testing Library and Jest
- Spearheaded frontend development for the Quick Start Wizard MVP, reducing customer onboarding time by **130+** hours
- Developed a reusable **TypeScript** progress bar component for Vena’s custom UI library adopted by **30** developers
- Modernized legacy components and **Java DTOs** by migrating the Settings page from Backbone.js to React, which cut render time by **85% (100ms to 15ms)**

Giden – User Experience

Sept 2020 – Dec 2020

Front-end Developer Intern [React, JavaScript, Jest]

Toronto, ON

- Built responsive navigation bar and sidebar in React with mobile-first CSS, improving UX for **20%** of mobile users
- Authored unit tests with **Jest** for UI components, raising reliability and preventing regressions across key user flows

PROJECTS

Finddit [React Native, Node.js, REST, Firebase, Google Cloud, Expo]

- Led development of a group restaurant picker mobile app using Firebase, ranked **top 3** out of **100+** student projects

Ripe Mangoes [React, Java, Spring Boot, REST, MongoDB]

- Developed a full-stack movie review app using Spring Boot and MongoDB, enabling real-time review creation via REST APIs

The Daily Edition [TypeScript, Next.js, React, REST, GraphQL, Tailwind CSS]

- Coded a live news app with React and GraphQL, to stream and filter real-time articles with search and category support

CERTIFICATIONS AND AWARDS

- **Amazon Web Services (AWS) Certified Cloud Practitioner (CLF-C01)**
- **McMaster Dean’s Honor List**

July 2022

May 2021 / 2022