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*, integrating AI-generated reports and insights into enterprise workflows and streamlining user access through Microsoft Teams integration
- Architected and implemented the end-to-end delivery of the "Open in Teams" feature using Microsoft Graph API, 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, implementing REST APIs to support SSO and 2FA authentication flows
- Delivered a production-ready dark mode implementation 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 **10+** 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 across **15+** engineering teams to navigate a Git-managed multi-repo codebase, leading frequent code reviews and providing feedback on cross-team pull requests, that raised code quality and accelerated feature delivery

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 **1700+** enterprise clients, achieving **95%** test coverage with React Testing Library and Jest
- Spearheaded frontend development for the Quick Start Wizard MVP, a new onboarding experience, reducing customer onboarding time by **130+** hours
- Developed a reusable TypeScript progress bar component for Vena's custom UI library adopted by **30+** developers
- Refactored legacy components and backend DTOs, including a Settings page migration from Backbone.js to React, which cut render time by **85% (100ms to 15ms)** and reduced tech debt

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 UI 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)**   *July 2022*
- **McMaster Dean's Honor List**   *May 2021 / 2022*