

# MAYANK RASTOGI

(604) 728-2278 | [mayankrastogi2k@gmail.com](mailto:mayankrastogi2k@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Website](#) | [Certifications](#)

## EDUCATION

---

### The University of British Columbia

Bachelor of Applied Science, Computer Engineering | GPA: 3.8

Vancouver, BC, Canada

Expected Graduation: May 2025

- **Awards:** Outstanding International Student Award, Dean's Honour List
- **Relevant courses:** Cybersecurity, Data Structures & Algorithms, Modern Web Applications, Software Testing

## EXPERIENCE

---

### Software Engineer Intern

January 2024 – August 2024

TELUS – Vancouver, BC, Canada

- Automated **GCP monitoring** with **Terraform**, saving **21+ hours/project** through real-time log-based metrics.
- **Optimized Oracle DB schema** and **Spring Boot API**, reducing **redundancy** and boosting **API response time by 17%**.
- Architected Subscription-On-Demand identification **Java micro-service** to improve information retrieval for agents.
- Migrated on-prem **SOAP API** to **cloud-based Java REST** service, **accelerating API response time by 23%**.

### Software Engineer Intern

May 2023 – December 2023

Digital Solutions – Vancouver, BC, Canada

- Designed **React** frontend with **Java** and **SQL backend**, for seamless onboarding of 500+ new users.
- Developed **Node.js based VS Code plugin** to enable version control with vendor application **saving 10+ hours/week**.
- Constructed an Admin dashboard using **C#** and **.NET Core**, improving **operational excellence by 35%**.

### Full Stack Developer Intern

June 2022 – September 2022

AirSpeed – Washington, USA

- Automated reservation workflow using **Typescript** based **REST API**, **Java** backend, and **GraphQL** models.
- Integrated **HubSpot API** to automate email notifications, **reducing server-scheduled jobs runtime by 33%**.
- Created database operations using **Docker**, **SQL**, and **GraphQL**, and **automated integration tests** using **BitRise**.

### Front End Developer Intern

June 2021 – August 2021

Emirates Environment Group – Dubai, UAE

- Constructed a data management system to automate driver schedules using **MongoDB**, **React**, **Express**, and **Node.js**.
- **Automated** waste collection schedules through **Python cron-job**, **improving efficiency by over 70%**.
- **Represented team** in meetings with Dubai authority heads to discuss **technology in environmental conservation**.

## PROJECTS

---

### UBC Workday to iCal | Personal Project | [Website](#) | [GitHub](#)

August 2024 – August 2024

- An app, used by **3,500+ students**, that allows converting registered course schedules into iCal files that can be imported using **Google Calendar**. Developed using **Next.js**, **React**, and **Typescript**.

### Moogle | Personal Project | [Website](#) | [GitHub](#)

August 2023 – August 2023

- A **personalized search-engine** to enhance personal branding and showcase portfolio. Developed using **NextJS**, **Supabase**, **TailwindCSS**, **Context API**, along with custom algorithms to perform **semantic search** and **page-ranking**.

## LEADERSHIP

---

### President

August 2024 – Present

Google Developer Students Clubs, UBC | [Website](#)

- Led team of 20+ to assist 200+ students in **project development** and developing technical skills.
- Spearheaded and mentored a community-wide **React Native** project ([GitHub](#)) to 100+ students.

### Co-Founder and Software Engineer

May 2022 – August 2023

StoryShare – Vancouver, Canada

- Architected user-schemas, API methods, and custom hooks in **Typescript**, **React**, and **Firebase**.
- Strategized product features and designs along with designing customer outreach to **drive growth**.

## TECHNICAL SKILLS

---

**Languages:** Python, JavaScript, Typescript, Java, C++, C, Go, C#, HTML, CSS

**Frameworks:** React/React Native, Spring Boot, REST, NextJS, Express, Flutter, ASP.NET, EntityFramework

**Databases:** SQL, GraphQL, PostgreSQL, Oracle DB, MySQL, Firebase, Cloud Storage

**Other:** GCP, AWS, Agile, Docker, Kubernetes, Terraform, Selenium, Karate, Monkey, Playwright, BitRise, Jacoco