

MAYANK RASTOGI

Vancouver, BC | 604-728-2278 | mayankrastogi2k@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

TECHNICAL SKILLS

Languages: JavaScript, Java, SQL, C++, C, C#, HTML, CSS, Python, Bash

Frameworks: React/React Native, Node.js, NextJS, Express, Flutter, ASP.NET, EntityFramework, Oracle APEX

Databases: MongoDB, MySQL, Firebase, Supabase, MSSQL, Amazon RDS

Developer Tools and Methodologies: Git, Docker, Bamboo, BitBucket, Confluence, BitRise, Agile, CI/CD, DevOps

EXPERIENCE

Programmer Analyst

May 2023 – December 2023

Digital Solutions, UBC – Vancouver, BC, Canada

- **Enhanced** VS Code plugin for internal version control with vendor app, reducing deployment and testing time by 60%.
- **Developed** data models and API controllers in C# using .NET Core, Entity Framework, and SQL to reduce service tickets.
- **Built** features using Java, React, Oracle APEX, while practicing Agile and DevOps, to increase operation excellence.

Full Stack Developer

June 2022 – September 2022

AirSpeed – Washington, USA

- **Developed** API methods and models using Typescript and GraphQL for reservation workflows used by 100% of app users.
- **Integrated** backend with HubSpot API to automate email notifications, reducing server-scheduled jobs runtime by 33%.
- **Created** database operations using Docker, SQL, and GraphQL, and automated tests for build integration using BitRise.

Software Engineer 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.
- **Increased** efficiency by more than 70% in creating collection schedules by automating previously manual process.
- **Represented** team in meetings with Dubai authority heads to discuss technology in environmental conservation.

PROJECTS

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

August 2023 – August 2023

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

Social Exchanger | Personal Project | [GitHub](#)

January 2022 – May 2022

- **Developed** a React Native mobile application to store social handles and generate QR codes to share instantly. Programmed using TypeScript and EXPO and utilized QR-code npm libraries.

Meetable | UBC Meetable

September 2021 – May 2022

- **Enhanced** and deployed a React Native app used by 1000+ users aimed at bringing together university students through matched interests and courses. Worked on backend features using Typescript, AWS Amplify, and GraphQL.

LEADERSHIP

Head of Operations

August 2023 – Present

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

(prev.) Vice President Technology

October 2022 – July 2023

- Led the Tech team to assist 200+ members in project development and developing technical skills.
- Spearheaded and mentored a community-wide React Native project ([GitHub](#)) to 50+ members.
- Facilitated workshops to introduce programming technologies to the community and enhance their skillset.

Co-Founder and Software Engineer

May 2022 – August 2023

StoryShare – Vancouver, Canada | [StoryShare.me](#)

- Developed user-schemas, API methods, and custom hooks to control database using React and Firebase.
- **Product Management:** Strategized product features and designs along with designing customer outreach.
- **Business Development:** Planned user acquisition hypotheses along with initiatives to kickstart client.

EDUCATION

The University of British Columbia

Vancouver, BC, Canada

Bachelor of Applied Science, Computer Engineering

Expected Graduation: May 2025

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