

Mayank Rastogi

Computer Engineering Student

Phone: +1 (604) 728-2278

mayankrastogi2k@gmail.com

2205 Lower Mall, Vancouver, BC



[mayankrastogi02](#)



[mayankrastogi02.github.io](#)



[Mayank Rastogi](#)

TECHNICAL SKILLS

Programming Languages:

C/C++, JavaScript, TypeScript, HTML, Java, Python, Dart, GraphQL, Verilog, ARM

Technologies:

Git, React, Node, Express, Flutter, WSL, Linux, Metro, Expo, Docker

Software:

Postman, GitHub, MATLAB, SolidWorks, ModelSim

Database and Cloud Management:

MongoDB, Firebase, MySQL, Google Cloud Platform, AWS Amplify

EDUCATION

The University of British Columbia

Bachelor of Applied Science – Computer Engineering

Expected Graduation: May 2024

- Cumulative Average: 81%
- Dean's Honour List (2020-2021)
- Outstanding International Student Award (2020-2021)
- Co-op: Available for 4, 8, or 12 months beginning May 2023
- Relevant courses: Software Construction, Data Structures and Algorithms, Computing Systems

Certifications - [link](#)

June 2020 – August 2021

- 20+ course certificates in Web Development, Machine Learning, Artificial Intelligence, and Data Science

WORK EXPERIENCE

Co-Founder and Software Engineer

StoryShare – Vancouver, Canada

May 2022 – Present

- **Develop:** Implemented a React Native and Tailwind CSS app and established user-flow and authentication using Google Firebase. Created user schemas and integrated API methods and custom hooks to control database.
- **Product Management:** Collaborated closely with software, design, and business teams to strategize product features and designs. Created customer outreach schedules using social platforms.
- **Business Development:** Planned user acquisition hypotheses along with brainstorming for initiatives to kickstart client engagement while strategizing roadmaps to grow customer outreach.

Full Stack Developer

AirSpeed – Washington, USA

June 2022 – September 2022

- **Design:** Led technical design for new features and enhancements using Figma with a security-first approach.
- **Programmed** consumer-grade experiences using Typescript, GraphQL, React Native, Docker, and other technologies along with meaningful testing using Gleap.io.
- **DevOps:** Tested production-build integrations using BitRise along with monitoring cloud infrastructure on AWS while enforcing CICD practices.
- **Measure and Analyse:** Influenced business and product decisions using data analytics and product management using SendGrid analytics (ad-hoc reports, dashboards, models, and automation).

Software Engineer Intern

Emirates Environment Group – Dubai, UAE

June 2021 – August 2021

- **Constructed** a CRUD data management system to automate waste collection using MongoDB, React, Express, and Node.js.
- **Researched** different scheduling technologies like RRule.js and FullCalendar for calendar automation.
- **Represented** team in 3 panellist meetings with 10+ Dubai Authority heads to discuss upcoming initiatives for environmental conservation and the role of technology in them.

Front End Developer Intern

Ananrt – Dubai, UAE

July 2020 – September 2020

- **Developed** web pages using HTML and WordPress.
- **Designed** components and sections using Figma and Adobe Photoshop.
- **Tracked** and analysed web analytics to recommend proactive strategies and enhance SEO.

Business Development Intern

Finllect – Dubai, UAE

July 2020 – September 2020

- **Networked** with 10+ businesses and 50+ influencers to generate leads and improve business.
- **Onboarded** 5+ clients and influencers to boost company sales.
- **Collaborated** with departments to support business objectives and client acquisition by offering strategic recommendations on revising content offerings to facilitate financial literacy.

Front End Developer Intern

ABB – Dubai, UAE

July 2019 – August 2019

- **Debugged** ABB website through identification of errors and propagation to improve user experience.
- **Implemented** features using HTML and Wix to make website responsive and user friendly.
- **Engaged** in stakeholder consultations and team sessions.

TECHNICAL PROJECTS

Covid-19 Statistics Tracker - [link](#)

UBC – Department of Electrical and Computer Engineering

Jan 2022 – May 2022

- Designed a functional GUI in python to track live statistics of Covid-19 cases around world. Utilized Tkinter, NumPy, and Matplotlib libraries.

Social Exchanger - [link](#)

Personal Project

September 2021 – May 2022

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

Meetable - [link](#)

UBC Meetable

September 2021 – May 2022

- Collaborated and deployed a React Native app aimed at bringing together university students through matched interests and courses. Worked with backend using AWS Amplify and GraphQL. Updating existing pages to match updated hi-fi design and implemented User-profiles and Settings features.

Class Organizer - [link](#)

Personal Project

April 2021 – May 2021

- Built an android app with Flutter, Dart, and SQLite to manage homework and assignments according to due dates.

ENGINEERING STUDENT TEAMS

Software Developer - [link](#)

UBC Launch Pad

September 2020 – Present

- Active team member of Productivity sub-team, responsible to create innovative solutions to help increase student productivity.
- Created 3+ mobile apps using Flutter, Dart, React Native, and SQL.

VOLUNTEER EXPERIENCE

Environmental Volunteer

Emirates Environment Group, Dubai, UAE

September 2017 – October 2017

- Volunteered in clean up drives and collected 21 tons of waste as a team.

Environmental Volunteer

Bee'ah, Dubai, UAE

November 2016 – December 2016

- Volunteered in 5 campaigns to collect recyclable materials, clean beaches, and plant trees.

INTERESTS

Formula 1 Racing, Gaming, Chess, and Music
