

# Gurjap Hajra

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## EDUCATION

### Bachelor of Science in Computer Science

Expected Aug 2025

York University

Toronto, ON

- Learned: Data Structures, Computer Organization, Software Tools, Algorithms

## EXPERIENCE

### Software Developer Intern

May 2023 – Apr 2024

Evertz

Burlington, ON

- Led a team of three developers to enable safer and faster delivery on an about screen feature for evertz.io, enhancing the user experience and resulting in **30% faster troubleshooting**.
- Worked on Smart-Segmentation service which incorporated **AWS services, distributed microservices**, infrastructure as code (**SAM CLI**), unit testing, and **CI/CD** pipeline.
- Implemented/debugged numerous UI features and components; learned about **monorepos, trunk-based development and structural design patterns**.
- Collaborated with **cross-functional teams** including developers, OAs, and project engineers; researched, made UI and design docs, and iterated on my designs from the team feedback.
- Led and organized numerous meetings with up to **30 participants** to discuss various software development designs and documentation.

### Web Developer Intern

Mar 2020 – Jun 2020

Planet Ford

Brampton, ON

- Developed proficiency in web development technologies including HTML, CSS, JavaScript, Python
- Improved website design and streamlined data migration, enhancing accessibility and efficiency.
- Analysed and adjusted car prices based on market trends, maximizing sales potential and customer satisfaction.

## PROJECTS

### Real Media Holder | Web App, AngularJS, AWS, NgRx, RxJS, Amplify | Full Stack

May 2024

- Developed a web app for the storage of authentic media files, featuring exportation with unique identification tags.
- Leveraged **AWS services including S3, Lambda, and DynamoDB** for storing, retrieving, and tracking of media files with external metadata.
- Employed **AWS Amplify** for user management, while integrating SAM CLI for efficient **CI/CD** workflows.
- Crafted a responsive UI with **lazy loading** while ensuring efficient application state management with NgRx.

### Log Scale | Web App, ReactJs, NodeJs, MongoDB, TypeScript, ExpressJS, AWS | Front-end

Jul 2022

- Designed and deployed a front end interactive application to visually present user data on a logarithmic scale.
- Used **React Hooks, Asynchronous API, Axios, and Redux** for managing and centralizing application state.
- Implemented my Bespoke REST API to store/delete custom user input using **React Query**.
- Build a REST API that stores data such as (arrays and String) on **MongoDB** and schemas using **mongoose**.
- Deployed the database on **AWS** and the server on Heroku.

### BeeTree API | Web App, ASP.NET Core, C#, RESTful APIs, Docker, MySQL | Back-end

Aug 2022

- Built a **REST API** which stores client's social media links with other useful links.
- Used the repository & dependency injection **design patterns** to encapsulate data access.
- Tested **CRUD API** endpoints with **Postman & OpenAPI** and created **Docker** image of app and deployed to **Heroku**.

### Sequence Memory | Android App, Java, Jsoup, XML | Mobile

Mar 2022

- Led a team of 4 to create an android application to test user's sequential memory with support for dark mode.
- Develop the user interface Using **MVC (Model, View, controller)** fundamentals.
- Used Jsoup library for fetching URLs, extracting and manipulating after-market stock data.

## TECHNICAL SKILLS

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

**Frameworks:** React, Angular, Flask, JUnit, Material-UI, FastAPI

**Developer Tools:** Git, Docker, Amazon Web Services, VS Code, Visual Studio, Bazel, IntelliJ, Node.js

**Libraries:** NgRx, RxJs, NumPy