

Maharaj Haider

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Education

University of British Columbia

Bachelor of Science in Computer Science

Vancouver, BC

Aug 2021 – April 2026

- CGPA 3.9/4.0
- International Major Entrance Scholar, Outstanding International Student awards amounting to \$100,000

Technical Skills

Languages: Python, Java, Javascript, Typescript, HTML/CSS

Frameworks: React, TailwindCSS, Angular, Springboot, Node.js, JSON, JUnit, Appium, Selenium, TestNg, Vite

Developer Tools: Git, SQL, Jenkins, Maven, Oracle DB, Figma, Confluence, Postman, Charles Proxy, Allure, Jira

Work Experience

Software Developer Intern

January 2025 – April 2025

Interac

Toronto, ON

- Developed and maintained backend services for Canada's largest real-time money transfer network using **Java Spring Boot**, ensuring high performance and scalability.
- Utilized **PostgreSQL** to design, optimize, and manage relational databases, ensuring data integrity and efficient querying for mission-critical applications.
- Deployed and managed containerized applications using **Kubernetes**, streamlining deployment pipelines.
- Implemented messaging solutions using Apache ActiveMQ to enable communication and improve system decoupling for scalable, distributed services

Software Engineer Intern

May 2024 – December 2024

Rivian

Vancouver, BC

- Built CLI tools and **CI/CD** downstream jobs using **Python** scripts, **GitLab** APIs and AWS for automated test execution, cutting manual effort and streamlining testing
- Utilised **GraphQL** queries and **websocket** subscriptions for backend validation on **Kubernetes** pods, enabling real-time detection of upstream errors and improving system reliability.
- Designed test plans for new features and developed automated UI tests using **Appium** in Python and integrated **AWS S3** for uploading test artifacts leading to a higher quality user experience.

Software Developer Intern

Jan 2023 – August 2023

Atimi Software Inc.

Vancouver, BC

- Developed **CLI applications** to automate internal processes using **Java**, to increase developer productivity
- Automated mobile application testing in Java using **TestNg**, **Appium**, and **Selenium** web drivers to reduce regression testing time by **72%**
- Automated applications deployment and integrated test automation using **Jenkins** to reduce development time
- Verified and tested REST API responses using **Charles Proxy**, and **Postman**

Software Developer Intern

May 2022 – August 2022

Hexa

Waterloo, ON

- Developed dashboards and maintained connections to visualize and analyze complex datasets using **PowerBI**, providing actionable insights to support strategic decision-making
- Developed a content-platform's front-end using **React**, **HTML** and **CSS** which displayed blogs in interactive ways
- Collaborated with multiple teams using **Git** and closed **50 maintenance tickets** to ensure seamless UI experience

Projects

Drowsiness Detector | Python, Excel, Pytourtch, OpenCV, JSON, Git

July 2022 – September 2022

- Developed an application to detect drowsiness while studying or driving using **yolov5**, **pytourtch** and **OpenCV**
- Trained the algorithm with custom data which had a **95 percent** success rate with detection
- Labelled the images used to train the algorithm using **Labelling** library

Property Listing Site | Java, Java Swing, SQL, JDBC, MySQL, Git

Sept 2023 – Nov 2023

- Developed an interactive application for property listing using **Java** and **Swing**
- Designed and implemented an optimized **database schema** for efficient data storage and retrieval.
- Utilized **JDBC** for integration with **MySQL**, managing data interactions with optimized SQL queries.