

# Huzaifa Fareed

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## EDUCATION

### Concordia University

Bachelor of Software Engineering

Montreal, QC

Sept. 2023 – June 2028

### CEGEP John Abbott

DEC in Science - Dean's List

Montreal, QC

Aug. 2021 – May 2023

## TECHNICAL SKILLS

**Languages:** Java, TypeScript, Python, JavaScript, SQL

**Libraries/Frameworks:** React, Node.js, Express.js, Pandas, NumPy

**Tools & Platforms:** Git, Docker, Jira

**Relevant Courses:** OOP I, OOP II, Data Structures & Algorithms, Operating Systems, Data Analytics, Web Programming

## EXPERIENCE

### Systems Engineer Intern

Bombardier

Montreal, QC

January 2026 – April 2026

- Improving internal engineering platforms by developing and maintaining web-based tools using **React**, **JavaScript**, and **HTML/CSS** to support supplier and engineering workflows.
- Implementing **automation scripts and macros** to improve user experience and reliability of recurring engineering processes.
- Analyzing existing workflows and system integrations to identify gaps, then building **Power BI dashboards** and data pipelines to surface operational insights.
- Working with restricted engineering systems, applying **access control**, **data governance**, and **security best practices** across internal tools.

## PROJECTS

### Personal Portfolio | React, Vite, HTML, CSS, JavaScript, GitHub Pages

[zaifnatra.github.io](https://zaifnatra.github.io) ↗

- Implemented an automated CI/CD pipeline using **GitHub Actions**, enabling production deployments in **under 60 seconds**.
- Built a modular **Single Page Application (SPA)** with React functional components, applying a custom **CSS-in-JS** approach to ensure consistent and maintainable UI patterns.

### EV Stock Market Prediction | Python, Scikit-learn, Streamlit, FRED API

[Live Demo](#) ↗

- Designed and deployed a **Streamlit web application** to analyze and visualize historical stock movements across **5 EV-sector equities**.
- Built and optimized an **ETL pipeline** processing over **5,500+ records**, integrating real-time macroeconomic indicators (CPI, interest rates) via the **FRED API**.
- Computed **10+ technical indicators** using Pandas-TA and trained a **Logistic Regression model** to predict next-day price direction with **90%** accuracy.

### Campus Events Web Application | HTML, CSS, JavaScript, Node.js, MongoDB, Docker, Git

[Live Demo](#) ↗

- Developed a full-stack web application with **role-based access control**, enabling a centralized event platform for a student user base exceeding **500+** users and verified QR-Codes.
- Designed and implemented **RESTful APIs** using Node.js and Express, backed by a cloud-hosted **MongoDB** database.
- Standardized development and deployment workflows using **Docker** and Automated CI testing pipeline using **SonarQube**, ensuring consistent environments across local and production systems.

### @Hack – Concordia Cybersecurity Hackathon

Montreal, QC

Participant, Team-Based Capture The Flag (CTF)

- Participated in a team-based **Capture The Flag (CTF)**, solving challenges in **web security**, **steganography**, and **digital forensics** using **CyberChef** and **Linux CLI** tools for data extraction and vulnerability analysis.