

# 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*

## 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) ↗

- Built a **Single Page Application (SPA)** with React functional components, applied custom **CSS-in-JS** to ensure consistent UI patterns with deployment within **60 seconds**.

### Gear-Pack | *Next.js 16, TypeScript, Tailwind CSS, Supabase, Prisma*

[Live Demo](#) ↗

- Logistics platform to coordinate group hiking trips and optimize gear packing.
- Secure **PostgreSQL** backend via **Supabase** and **Prisma ORM** to manage complex relational data (users, inventory, trips), ensuring data integrity with **Zod** schema validation and **Server Actions**.

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

[Live Demo](#) ↗

- Deployed a **Streamlit web application** to analyze and visualize historical stock movements across **5 EV-sector equities**.
- Built 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**, with a centralized events 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 by MongoDB
- 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.

## TECHNICAL SKILLS

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

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

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

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

## LEADERSHIP & HOBBIES

**Leadership:** Crew Chief & Sales @ Student Works. Leading a team of 3-5 employees.

**Hobbies:** Hiking, Fishing, Ultramarathon Running