

# Muhammad Adil Sameer

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## EDUCATION

University of British Columbia - 3<sup>rd</sup> Year, BSc. Computer Science (CGPA: 90%)

Sep 2023 - May 2027

## SKILLS

**Languages:** JavaScript · Python · Java · TypeScript · C++ · C · SQL · R · Assembly

**Tools:** React.js · Flask · Express.js · LangChain · Docker · MySQL · GCP · Three.js · Jupyter Notebook · Git

## EXPERIENCES

### ICON VENTURES

June 2025 - Aug 2025

#### SOFTWARE ENGINEER INTERN

Palo Alto, California, USA (Remote)

- Increased **deal-sourcing efficiency** by **30%** by developing **production-ready automation** workflows using **n8n** and **JavaScript**, reducing manual work for the investment team.
- Built **AI agents**, powered by **OpenAI** and **Claude**, that integrated **Airtop** for **dynamic scraping** and the **Crunchbase API** to collect **founder and company data**.
- Automated generation of one-pager summaries and scored startups based on key investment criteria such as founder background, funding history, and market signals.
- Developed a **full-stack real-time dashboard** with **React** and **Express.js**, powered by **Airtable webhooks**, to deliver live updates that helped partners track and prioritize **3× more startups per week**.

### MANNAI INFOTECH

May 2025 - June 2025

#### SOFTWARE ENGINEER INTERN

Doha, Qatar

- Reduced manual **review time** of **200-250 page Request for Proposal (RFP)** documents by **~40%** (from several days to a few hours) by developing a **Retrieval-Augmented Generation (RAG)** application ([Github](#)).
- Built the frontend using **React.js** and backend using **Flask** and **LangChain**, leveraging **OpenAI embeddings** and storing **vector data** in **ChromaDB** for fast semantic search.
- Dockerized** and deployed the system on **Google Cloud Platform (GCP)** for internal use, improving efficiency and decision-making speed.

### REAL LIFE ROBOTICS

June 2025 - Aug 2025

#### ROBOT GUIDE

Markham, Ontario, Canada

- Monitored autonomous delivery robots** during live operations to ensure safe navigation, proper route following, and on-time deliveries.
- Improved **delivery success rates by 15%** and **reduced issue resolution time by 30%** through fast reporting of bugs, navigation issues, and sensor errors to the engineering team.

### VISUAL COGNITION LAB, UBC

Jan 2025 - May 2025

#### SOFTWARE DEVELOPER

Vancouver, British Columbia, Canada

- Maintained, tested and improved the lab website using **React.js** with **TypeScript**, **Express.js** and **MongoDB**.

### DATA SCIENCE CLUB, UBC

Oct 2024 - May 2025

#### UI/UX DEVELOPER

Vancouver, British Columbia, Canada

- Developed interactive websites to showcase projects from **100+ club members**, using **Figma** for prototyping and **React.js** for building responsive pages.

### HEADSTARTER AI

Jul 2024 - Sep 2024

#### SOFTWARE ENGINEERING FELLOW

Remote

- Built and deployed **5 AI projects (Next.js, Firebase, REST APIs, Vercel)** while collaborating with engineers from Google, Meta, and Amazon.

## SOFTWARE ENGINEERING PROJECTS

SmartReply AI | [GitHub](#) | Associated with NWHacks 2025

Jan 2025

- Built an **automated AI-driven email responder** in under 24 hours using **Ionic React** and **TypeScript**.
- Integrated **Gmail API** for secure real-time inbox display and **OpenAI API** to generate replies at the click of an email.

Flashify.AI | [Website](#) | [GitHub](#)

Aug 2024

- Developed a flashcard SaaS app using **Next.js** and **Material-UI** attracting **100+** waitlist sign-ups in a week.
- Utilized **Firebase** for real-time data management and **OpenAI API** to make flashcards using user-specified topics.
- Integrated **Clerk** for user authentication and **Stripe** for payment processing, enabling security and monetization.

Library Management System | [GitHub](#) | Associated with the University of British Columbia

Sep 2024 - Dec 2024

- Built and tested a GUI-based library management system using **Java**, **JUnit** and **Swing** following **OOPs** principles.
- Key features: book handling, borrowing and rating, and **persistent data storage** via **JSON** (load/save functionality).

Predicting Heart Disease | [GitHub](#)

Jan 2024 - May 2024

- Analyzed anonymous patient data to predict the risk of heart disease using **R** within **Jupyter Notebook**.
- Trained and tested a classification model with an accuracy of **70.05%**, recall of **67.4%** and precision of **68.9%**.