Muhammad Adil Sameer

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EDUCATION

University of British Columbia, Vancouver 3ʳᵈ Year, Bachelor of Science in **Computer Science** - (CGPA: 88.4%) **Sep 2023 - May 2028**
FreeCodeCamp - Web Design Development **June 2024**
Advanced Placement - 5 in Calculus AB, 4 in Computer Science A **(Java)** **May 2023**
Carnegie Mellon University in Qatar (Summer College Preview Program) - Programming, Adv. Calculus, CS **June 2022 - July 2022**

SKILLS

Language JavaScript · Python · Java · TypeScript · C++ · C · MySQL · Visual Basic · Racket · Dart · Assembly
Software Next.js · React.js · Flask · LangChain · Docker · SQL · GCP · MongoDB · VS Code · Jupyter Notebook · Git

EXPERIENCES

ICON VENTURES **June 2025 - Present**
SOFTWARE ENGINEERING INTERN Palo Alto, *California, USA (Remote)*
- Building **AI-driven** automations using **n8n**, integrating **LLMs** and **APIs** to reduce manual VC research time.
- Developing scalable workflows and scripts in **JavaScript** and **Python** for founder sourcing and data enrichment.

REAL LIFE ROBOTICS (IN PARTNERSHIP WITH SKIP THE DISHES AND ROBOT.COM) **June 2025 - Present**
ROBOT GUIDE Markham, *Ontario, Canada*
- Ensuring operational reliability by observing robot navigation, adherence to safety protocols, and troubleshooting, triaging and reporting anomalies promptly to engineering teams.
- Logging and communicating technical issues, sensor irregularities, and delivery failures, facilitating increase in route efficiency through feedback-driven refinements.

MANNAI INFOTECH **May 2025 - June 2025**
SOFTWARE ENGINEERING INTERN Doha, *Qatar*
- Developed and **dockerized** a **Retrieval-Augmented Generation (RAG)** application (*Github*) to automate the review of **200-250 pages Request for Proposal (RFP)** documents for cross-functional teams (procurement, technical experts, project managers).
- 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.
- Hosted on **Google Cloud Platform (GCP)** for internal use, significantly reducing RFP reading and review time.

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 - Present**
UI/UX DEVELOPER *Vancouver, British Columbia, Canada*
- Developing interactive websites to showcase projects created by **100+** club members.
- Using **Figma** for wireframing and prototyping, and building responsive web pages with **JavaScript** and **React.js**.

HEADSTARTER AI **Jul 2024 - Sep 2024**
SOFTWARE ENGINEERING FELLOW *Remote*
- Built and deployed **5 AI projects** using **Next.js**, **Firebase**, **RESTful APIs** and **Vercel**, following **agile methodologies**.
- Participated in weekly sessions with engineers from Google, Meta, Amazon, Stanford and venture-backed startups.
- Developed expertise in full-stack development, rapid prototyping, and AI project deployment.

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 webapp using **Next.js** and **Material-UI** attracting **100+** waitlist sign-ups during **testing**.
- 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%**.