Faaiz Abdullah

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EDUCATION

Simon Fraser University | Burnaby, BC

Bachelor of Science, Interactive Arts and Technology   **September 2023 - August 2026 (Expected)**

Concentrations: AI and Data Science, Design and Development for Web and Mobile

TECHNICAL SKILLS

Languages/Frameworks: Java, Javascript, React, Node.js, Python, HTML, Tailwind CSS, React Native, C++

Databases: Firebase, MongoDB, AWS S3, SQL, MySQL, SQLite

Tools: Git, GitHub, RESTful API, Figma, VS Code, Eclipse, Arduino, Postman, Vercel, Render

PROFESSIONAL EXPERIENCE

Travel Mate | Full-stack App Developer   **October 2024 – Present**

- Developed to the front end of a cross platform mobile app using **React Native**, delivering a responsive and user-friendly interface.
- Developed and optimized **Python** based **RESTful API's**, reducing response times by **25%**.
- Integrated an **AI** powered itinerary system that adapts plans dynamically to real world changes like weather and closures.
- Collaborated with a team of 8 developers, maintaining efficient workflows using **GitHub** and **VS code**.

Zebra Robotics | Coding Instructor   **October 2024 – Present**

- Delivered lessons on front-end development, helping students build basic websites using **HTML**, **CSS**, and **Javascript**.
- Delivered workshops in **Python** and object-oriented programming in **Java**.
- Provided constructive feedback and one-to-one support, helping over **25** students overcome challenges and improving project outcomes.

PROJECTS

[Study Spotr](#) | Full-Stack Developer   **August 2024 - Present**

- Co-developed Study Spotr, a global work/study spot finder with a streamlined front-end and back-end.
- Integrated **Mapbox API** for interactive maps and precise location markers.
- Boosted backend response times by **78%** through optimized API queries and **middleware**.
- Collaborated on **GitHub** to efficiently organize version control.

[Football Wizard](#) | Developer   **October 2024 - December 2024**

- Developed an **AI** chatbot that provides statistics and predictions for the English Premier League.
- Automated the extraction of **10,000**+ player stats from the Premier League website using **Python's Selenium** library, improving data collection efficiency by **85%.**
- Processed raw data into structured CSV files, reducing data retrieval and update times by **40%.**

[PharmaBotics](#) | Full-Stack Developer   **July 2024 - August 2024**

- Engineered a smart medical pill dispensing system utilizing **Arduino** technology for professional healthcare.
- Designed and implemented a **React** front-end and **Node.js** backend, cutting system downtime by **20%.**
- Streamlined patient and doctor data management with **Google Firebase**, enhancing accuracy by **30%.**