Faaiz Abdullah

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TECHNICAL SKILLS

Languages/Frameworks: Java, Javascript, React, React Native, Node.js, HTML/CSS, Python, C++
Databases: **Firebase**, MongoDB, AWS S3, SQL, MySQL, SQLite
Tools: Git, GitHub, RESTful API, Figma, XCode, VS Code, Eclipse, Arduino, Postman, Vercel, Render, Azure DevOps

PROFESSIONAL EXPERIENCE

Travel Mate | Full-stack App Developer   **October 2024 – Present**
- Built dynamic trip planning system using **GPT**, weather, and restaurant **APIs**, enabling real-time itinerary adjustments based on local conditions.
- Engineered cross-platform UI with **React Native**, achieving **98%** code reuse between iOS and Android platforms.
- Developed and optimized **Python** based **RESTful API's**, reducing response times by **25%**.
- Integrated **multi-API data pipeline** to automate travel recommendations, reducing manual planning time by **70%**.

Zebra Robotics | Coding Instructor   **October 2024 – Present**
- Mentored **25**+ students in web development with **90%** project completion through hands-on workshops.
- Designed **Python** and **Java OOP** curriculum achieving **95%** student project success rate.
- Developed project-based learning modules in **full-stack development**, reducing student debug time by **40%**.

PROJECTS

Study Spotr | Full-Stack Developer   **August 2024 - Present**
- Built a global study spot finder using **MongoDB** and **AWS S3** for efficient data storage and retrieval.
- Engineered location-based study spot discovery using the **Mapbox API**, enabling real-time availability updates.
- Optimized **MongoDB** queries and **AWS S3** storage, handling **500**+ users at **78%** faster response times.
- Collaborated effectively with **GitHub**, facilitating team contributions and efficient code management.

Football Wizard | Developer   **October 2024 - December 2024**
- Developed hybrid chatbot combining **GPT** and custom statistics for English Premier League predictions.
- Built **Selenium** web scraping pipeline to process **10,000**+ statistics for efficient data retrieval.
- Built context-aware **query routing** between **GPT** and statistics database for temporal-based responses.

PharmaBotics | Full-Stack Developer   **July 2024 - August 2024**
- Built **React**/**Node.js** medical dispensing system integrated with **Arduino** sensors for real-time monitoring.
- Implemented **Firebase** authentication and real-time sync, reducing medication error rates by **30%**.
- Created fault-tolerant dispensing system with backup protocols, achieving **20%** less system downtime.

EDUCATION

Simon Fraser University | Burnaby, BC   **September 2023 - August 2026 (Expected)**
Bachelor of Science, Interactive Arts and Technology
Concentrations: AI and Data Science, Design and Development for Web and Mobile