Faaiz Abdullah

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TECHNICAL SKILLS

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

PROFESSIONAL EXPERIENCE

Travel Mate | Full-Stack Software Developer   **October 2024 – Present**
- Developed a **smart travel planner app** integrating **GPT**, weather, and local data APIs to offer adaptive itinerary suggestions.
- Designed and deployed **RESTful APIs** in Python to support real-time user queries and data updates.
- Built a mobile-first UI using **React Native**, ensuring seamless performance on both Android and iOS.
- Conducted continuous **testing** and **debugging** cycles to ensure feature stability across platforms.
- Used **GitHub** for version control, collaborating within a fast-paced **Agile** team.

Zebra Robotics | Coding Instructor   **October 2024 – Present**
- Delivered engaging lessons in **Python**, **Java**, and **full-stack** development to students aged 10–17.
- Created interactive modules and real-world projects to help students apply key programming concepts.
- Provided personalized feedback and **mentorship**, helping students overcome technical challenges.
- Partnered with the business development team to pitch programs at schools and local events.

PROJECTS

Study Spotr | Full-Stack Developer   **August 2024 - Present**
- Built a **full-stack** study space finder with **MongoDB**, **AWS S3**, and **Node.js** for data storage and retrieval.
- Integrated **Mapbox API** to visualize available study spots based on real-time location and status.
- Designed scalable **backend** logic to support dynamic user interactions and content uploads.
- Collaborated effectively with **GitHub**, facilitating team contributions and efficient **code management**.

Football Wizard | Full-Stack Developer   **October 2024 - December 2024**
- Built a football analytics **chatbot** combining GPT-generated predictions with **scraped data** and statistics.
- Implemented a web scraping script using **Selenium** to pull EPL stats from multiple sources.
- Handled data parsing and error-checking to ensure clean and consistent inputs for the model.
- Created intelligent **query routing logic** to switch between GPT and stats database based on user prompt.

PharmaBotics | Full-Stack Developer   **July 2024 - August 2024**
- Engineered a medical dispensing system using **React**, **Node.js**, and **Arduino** hardware integration.
- Designed a real-time monitoring dashboard with **Firebase** syncing for instant medication status updates.
- Tested **edge-case** behaviors to prevent common user errors and increase system reliability.

EDUCATION

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