MD. SHAFAUR RAHMAN SABBIR

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SUMMARY

Results-driven Flutter Developer with a deep passion for technology starting back in **2012.** Leverages strong analytical skills derived from a scientific background to build efficient, user-centric cross-platform mobile applications. Specialized in Dart, innovative **UI/UX** design, and integrating advanced solutions like **AI APIs**. Committed to writing clean, maintainable code and solving complex problems.

TECHNICAL SKILLS

- <u>Mobile Development:</u> Flutter Framework (Android & iOS), Dart, State Management, WebView Integration, Responsive UI Design.
- <u>APIs & Backend:</u> RESTful API Integration, Google Gemini AI API, Firebase (Basics), JSON Parsing.
- <u>Languages:</u> Dart, C, C++, HTML, CSS, JAVASCRIPT
- <u>Tools & Version Control:</u> Git, GitHub, VS Code, Android Studio.

KEY PROJECTS

Adopt a Pet BD - Cross-Platform UI Implementation | *Flutter, Dart, Responsive Design*
- <u>Transformed</u> a high-fidelity web design case study into a fully functional, pixel-perfect mobile application using Flutter.
- <u>Engineered</u> a highly responsive layout that adapts seamlessly across various screen sizes (Mobile & Tablet) ensuring consistent UX.
- <u>Implemented</u> complex navigation flows and smooth custom animations to enhance user engagement and visual appeal.

BioLeaf - AI-Powered Plant Identifier | *Flutter, Google Gemini API*
- <u>Integrated</u> Google Gemini Pro Vision API to create an intelligent feature that identifies plant species from images.
- <u>Developed</u> a hybrid data architecture supporting both live API interactions and an offline mock mode for stable demonstrations.
- <u>Showcased</u> ability to work with advanced RESTful APIs and handle JSON data parsing efficiently in a mobile environment.

Personal Developer Portfolio | *HTML, CSS, GitHub Pages*
- <u>Designed</u> and deployed a responsive, professional portfolio website to showcase technical projects and skills globally.
- <u>Implemented</u> custom domain integration and hosted via GitHub Pages for optimal performance.

PROFESSIONAL EXPERIENCE

Flutter Developer (Freelance/Remote) Self-Employed | *June 2023 – Present*
- <u>Developing</u> custom cross-platform mobile applications based on specific client requirements using Flutter and Dart.
- <u>Converting</u> existing web platforms into fully functional mobile applications using WebView technology, ensuring native-like feel.
- <u>Diagnosing</u> and resolving complex UI bugs and performance issues to ensure application stability across different devices.

EDUCATION

Bachelor of Science (B.S.) in Zoology, Kushtia Govt. College, (National University), Bangladesh
- <u>Relevant Skills:</u> Utilizing scientific research methodologies for structured problem-solving in programming.