

Salman F. Rahman

✉ salmanfarid43@gmail.com | 📞 +8801300192216
🌐 github.com/Salman-Farid | [linkedin.com/in/salman-f-rahman-8153951b1/](https://www.linkedin.com/in/salman-f-rahman-8153951b1/)

Skills

Languages: C/C++, Java, Python, Dart, JavaScript, SQL

Technologies & Tools: Flutter, GetX, Provider, Riverpod, FlutterFlow, DhiWise, Android, Firebase, RESTful APIs, Firebase Cloud Functions, SQL, NoSQL, SQLite, AWS, EC2, Git, Docker, CI/CD, Push Notifications, TensorFlow, PyTorch, scikit-learn, NumPy, Pandas, Matplotlib, OpenCV, Figma, Android Studio, VS Code, MVVM, UI/UX Design, Canva, Agile

Work Experience

Bit Encrypt IT, Dhaka

May 2024 - Jan 2025

Mobile Application Developer (Flutter/Android/iOS)

- Developed an eCommerce app and a vendor management app from scratch, covering design, backend, frontend, and database integration. Built cross-platform solutions with Flutter, ensuring smooth functionality on both iOS and Android. Integrated RESTful APIs and third-party services like push notifications and payment gateways.
- Optimized app performance, improving load times by 30% and user retention. Applied MVVM architecture and Clean Code principles for maintainable code.
- Flutter, GetX, Provider, Android, RESTful APIs, Cloud Functions, Hive, Kubernetes, Docker, Git,

Brac University, Dhaka

Aug 2024 - Present

Application Developer (Contract)

- Developed an attendance management app to replace manual and Excel-based systems for faculty and students.
- Key features include in faculty app: New class registration, QR code-based attendance, live announcements, and course material sharing for faculty.
- The student app allows course enrollment, attendance history tracking, and access to announcements and materials.
- Implemented secure authentication and deployment via Supabase and utilized Ocean Cloud for media storage.
- Flutter, Supabase, DigitalOcean, AI/ML, Figma, Git

Brac University, Dhaka

Jun 2023 - Dec 2023

Mobile Application Developer (Contract)

- Developed a full-stack martial arts club management application as a contracted project under a faculty, handling complete project lifecycle from design to deployment. Implemented key features including profile management, attendance tracking, seamless data entry using Flutter and Firebase.
- Built secure user authentication system with phone verification and role-based access control for administrators. Built responsive UI/UX following Material Design principles for seamless mobile experience. Utilized Flutter framework to deliver a cross-platform solution compatible with both Android and iOS.
- Flutter, Firebase, Riverpod, Git, DrawSQL

Personal Statement

I'm an expert in developing high-performance mobile apps with Flutter, focusing on code reusability, efficient design, and exceptional UI/UX. I have a high expertise in state management solutions such as Riverpod, Provider, and GetX, as well as in the integration of RESTful APIs, payment gateways, and third-party packages. I also work with cloud platforms like Amazon EC2, Firebase, Supabase and DigitalOcean and leverage machine learning frameworks like PyTorch and TensorFlow for AI-based solutions. With 3 years of hands-on experience over 55-60 projects, demonstrating technical expertise and innovative problem-solving across diverse domains.

Education

BRAC University

April 2020 - Dec 2024

B.Sc. in Computer Science

CGPA: 3.02/4

Relevant Coursework: Software Engineering, Object Oriented Programming, Applied Data Science for Practitioners, Android App Development, Database Systems, Data Structures and Algorithms, Computer Networks, Artificial Intelligence, Computer Graphics, Operating Systems, Compiler Design, Computer Architecture, Quantum Computing I, Parallel Distributed and High-Performance Computing (HPC), Natural Language Processing(NLP), Automata and Computability, Business and Human Communication, Discrete Mathematics, Digital Logic Design, Linear Algebra And Fourier Analysis, Ethical Hacking.

Project Work

- **Organization Management Application (2024):** Built an AI-powered Organization Management App integrating automated profile approvals, role-based dashboards, attendance tracking, payment management, and media section. Technologies: Flutter, Firebase, Pytorch, AI/ML.
- **Wallpaper Bot (2023):** Created an AI-based wallpaper app that suggests personalized wallpapers to users based on their age, gender, and current emotion. Technologies: Flutter, Firebase, Pytorch, AI/ML.
- **Banking System (2023):** Built a secure banking system with account management, transactions, and role-based access, integrating SQL for efficient data storage and retrieval. Technologies: Java, SQL

Awards and Certificates

- **Winner of Tech Spectra 2.0 (Inter-University Competition):** *Won the 1st prize in the Tech Spectra 2.0 competition, showcasing problem-solving and innovative skills.*
- Data Science(IBM) on Cognitive Class.ai
- SQL and Relational Databases 101(IBM) on Cognitive Class.ai

Publication

Accepted paper: 'The Effectiveness of Different Deep Learning Models in Detecting Hate Speech on Social Media' at the 2023 IEEE 11th Region 10 Humanitarian Technology Conference (R10-HTC)