

# Salman F. Rahman

✉ salmanfarid43@gmail.com | 📞 +8801300192216  
🌐 [github.com/Salman-Farid](https://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 - Present

**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**

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

## Education

**BRAC University**

April 2020 - Dec 2024

B.Sc. in Computer Science

**CGPA: 3.01/4**

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 Organization management app integrating AI features for automated profile approvals, payment analysis & blocking offensive word/image in chat box. Implemented roll based login, profile creation, user dashboard, admin dashboard, real-time attendance tracking, payment management, performance tracking, live announcement & vlog/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):** Developed a banking system to manage customer accounts, transactions, and balances. Integrated SQL database management for seamless storage and retrieval of account details. Provided secure login and role-based functionalities for customers and admins. 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