

Salman F. Rahman

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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

Seekr.ai, Hong Kong SAR (Remote)

May 2025 – Present

Android Developer (Android/AI wearable Device)

- Developing advanced Android applications for the Seekr AI wearable device, featuring AI chatbot integration, real-time detection systems, and multiple ML-driven assistive functions.
- Implemented robust background architecture, dual network mode for simultaneous device WiFi and mobile data usage, and network override capabilities ensuring uninterrupted internet access.
- Achieved 70% improvement in battery efficiency, 100% device connection stability, and seamless persistent background operation for continuous AI-powered environmental analysis and narration.
- Android (Kotlin), Coroutines, Socket & HTTP Communication, ML Integration, Background Services, Network Binding, Optimization, Git. **Play-Store Link** 'Seekr Android App'

Neways International Company Limited, Dhaka

Dec 2024 - May 2025

Mobile Application Developer (Android/iOS)

- Developed two applications: a hotel management system for booking seats and tracking room availability, and a complete referral program app enabling users to refer others, track multi-level referrals, and withdraw earnings.
- Integrated RESTful APIs with a secure SQL-based backend hosted on the company's own server, ensuring reliable data synchronization and smooth performance.
- Designed intuitive, user-friendly interfaces with responsive layouts and optimized app performance to streamline daily operations.
- Flutter, RESTful APIs, SQL, GetX, Provider, Responsive Design, Git. **Video Link:** 'SH-Cash'

SoftSnip, Australia (Remote)

Jun 2024 - Nov 2024

Web App Developer (Web/Firebase)

- Developed a full-featured car rental management web application (admin panel) using Flutter and Firebase to streamline bookings, vehicle tracking, user management, payments, and rental history.
- Implemented real-time database integration, responsive UI, and comprehensive admin settings for smooth management operations.
- Flutter, Firebase, Cloud Firestore, Authentication, Responsive Web Design, Git, RESTful APIs

Bit Encrypt IT, Dhaka

Jun 2023 - May 2024

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, Hive, Kubernetes, Docker, Git. **Video Link:** 'ReadyHow'

Brac University, Dhaka

Dec 2023 - May 2023

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. **Video Link:** 'School-Attendance'

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, DigitalOcean and leverage machine learning frameworks like PyTorch and TensorFlow for AI-based solutions. Skilled in team management, task delegation, and collaboration, I ensure efficient workflow and goal achievement. I focus on fostering a productive and supportive work environment. Dedicated to building high-performance applications. With **4 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. Video Link: **Video Link:** 'TManageHub'
- **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.
- Flutter And Dart - The Complete Guide on Udemy
- 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)