Abu Sayed Chowdhury

Senior Software Specialist, SSL Wireless
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Professional Summary

Experienced software specialist with 5+ years of expertise in Flutter development, mobile app deployment, API integration, and technical mentorship. Successfully delivered 20+ high-performance apps for Android and iOS platforms, specializing in scalable architectures, CI/CD pipelines, and secure APIs.

Work Experience

Senior Software Specialist *March 2021 – Present*
SSL Wireless, Dhaka, Bangladesh

- Built and launched 20+ Flutter apps on Google Play Store and App Store with 100% on-time delivery.
- Optimized API performance using REST GraphQL , reducing response time by 30%.
- Led and mentored a team of 15 developers, training them in Riverpod, Bloc, and best practices in development.
- Integrated Flutter modules into existing native Android/iOS apps, enabling smooth hybrid app development.
- Led projects for top clients such as **Othership**, **DESCO**, **BdTax**, **SSL-CLI**, and **Akij Cement**.
- Skilled in Agile methodologies, code reviews, CI/CD pipelines, and technical team leadership.

Software Engineer *Nov 2020 – March 2021*
Appbd, Dhaka, Bangladesh

- Designed scalable Flutter applications with GetX state management.
- Enhanced user engagement by 20% with custom animations using Flutter's CustomPainter.
- Strengthened app stability by 30% through Firebase integrations.

Mobile Application Developer *March 2020 – Oct 2020*
RingerSoft Limited, Chattogram, Bangladesh

- Built an e-commerce app using flutter and published in Store.
- Delivered school management apps for 15+ institutions, ensuring real-time data synchronization.

Technical Skills

- **Frameworks:** Flutter, SwiftUI
- **Languages:** Dart, Swift, Python
- **State Management:** Riverpod, Bloc, GetX, Provider
- **Databases:** SQLite, Hive, Firebase, ObjectBox
- **CI/CD:** GitHub Actions, Bitbucket Pipelines, Codemagic
- **AI IDE & Tools:** Windusrf, Cursor, v0, Mcp, NoteBookLM, Gamma

Key Projects

- **Othership Scheduler:** Enabling efficient booking and scheduling of meeting rooms, desks, and workspaces.
- **Othership Room Display:** KIOSK application developed with Bloc for managing meeting room schedules.
- **Magpie Banking:** Secure banking app with seamless REST API integration.
- **BDTax:** Tax filing app simplifying compliance for taxpayers in Bangladesh.
- **Flutter_sslcommerz:** Flutter payment gateway package published on pub.dev, widely used for secure transactions.
- **Desco Utility App:** Utility service app for bill payments and account management.
- **SSL_CLI:** CLI tool for generating project structures, creating modules, and automating APK delivery via Telegram.
- **Akij Cement CRM:** CRM app with a polished UI, enhancing client interactions and productivity for Akij Cement.
- **Rabella (ARFace App):** Augmented reality-based face detection app for android and iOS.
- **Employee Buddy:** Employee management app available on Android and iOS to enhance team collaboration.

Certifications

- **Unit 1: Foundations of Agents**- Hugging Face Agents Course, March 6, 2025
- **Introduction to iOS Mobile Application Development**- Meta, Coursera, March 2, 2024
- **Introduction to Flutter Development using Dart** — The App Brewery, March 2020
- **Android App Development Masterclass** — MSB Academy, April 2020
- **Neural Networks and Deep Learning** — deeplearning.ai, Coursera, December 20, 2019

Education

M.Sc. in Computer Science — Jahangirnagar University, Bangladesh   *CGPA: 3.63/4.0 (2020–2022)*
B.Sc. in Computer Science — Bangladesh Army International University of
Science and Technology, Comilla, Bangladesh   *CGPA: 3.87/4.0 (2016–2020)*