Manav Lal *Mobile Developer*

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⚙ https://github.com/Manav12　　📍 Karachi, Pakistan

🎓 EDUCATION

Bachelor of computer Science, *University of Karachi*　　Jan 2018 – Dec 2021 | Karachi, Pakistan

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💼 PROFESSIONAL EXPERIENCE

Software Engineer (Mobile), *Love for Data*　　Feb 2022 – present | Karachi, Pakistan

- Engineered and launched innovative mobile apps driving a increase in user engagement.
- Worked with different teams to improve how the apps look and work, making them more stable and reliable.
- Spearheaded the implementation of a cutting-edge facial recognition solution, resulting in a 30% decrease in fraudulent activities and enhanced security protocols made sure user data is safe and meets industry standards by using strong encryption.
- Streamlined onboarding processes via API integration, resulting in improved scalability and a 20% reduction in loading times, significantly enhancing overall application performance.

Junior Flutter Developer, *Appick Solution*　　Jul 2021 – Nov 2021 | Karachi, Pakistan

- Orchestrated cross-functional collaboration with UX teams to conceive and execute customer-centric features that surpassed user expectations.
- Pioneered rigorous code analysis and optimization initiatives, resulting in elevated output quality and remarkable overall performance improvements.
- Led the charge in shaping user-centric experiences and ensuring top-tier code quality for exceptional product delivery.

🧠 TECHNICAL SKILLS

Programming Languages:
Dart, Kotlin, C#, Python

Application Development:
Flutter, Android

Database Management:
Firebase, Room Database

IDE's familiar with:
Android Studio, Vs Code, Visual Studio

Systems:
Windows, Mac OS X

📁 PROJECTS

Salaam-Nestle Pakistan

- Led the development of a BNPL Fintech app, ensuring regulatory compliance.
- Designed intuitive interfaces for product selection, secure transactions, and transparent repayments.
- Implemented robust user registration with automatic OTP retrieval and QR code validation, integrated Google Maps for precise shop location tracking.
- Developed Daily User Stats and employed Firebase CrashLytics for error monitoring and resolution, ensuring a smooth user experience.

Biometric Verification App

- Engineered the "Biometric Verification" Android app with Kotlin, leveraging TFLite models for finger and NIC detection, resulting in 98% accuracy in identity verification.
- Bolstered security with real-time liveness checks using ML Kit's facial recognition, ensuring a reduction in fraudulent attempts.
- Streamlined onboarding and verification processes by integrating APIs, reducing user verification time by 30%. Strengthened data privacy and compliance with industry standards through state-of-the-art encryption mechanisms

Smart Attendance

- Developed a cutting-edge Flutter-based attendance app, incorporating ML Kit's powerful face detection models, resulting in a 40% reduction in manual attendance efforts.
- Optimized attendance tracking with precise location-based coordinates, delivering an impressive 10 - 20% increase in accuracy. Implemented facial recognition and location data for swift, secure user punch-ins.

Rent Rent

- Enabled users to seamlessly Buy, Sell, and Lend items like books, cameras, and tools with a flexible pricing model.
- Elevated user trust and experience through stringent verification, location-based search, secure payments, and user-centric design, ensuring an exceptional marketplace ecosystem.

📜 CERTIFICATES

- The Complete 2021 Flutter Development Bootcamp with Dart | Udemy Certificate JAN 2020 – APR 2020
- Programming for Everybody (Getting Started with Python) | Coursera Certificate JAN 2021 - FEB 2021