

Muhammad Ameer Hamza

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Introduction

I am a Software Engineer, recently graduated from Bahria University. I bring a strong background in cross-platform mobile application development using Flutter. My portfolio includes impactful projects such as the HRMS/CMS app Manxel and the e-commerce platform Clawset, reflecting my dedication to innovation and enhancing user experience.

Skills

Programming Languages: Dart, JavaScript, SQL,

Frameworks and Libraries: Flutter, Node.js, Express.js

State Management: Bloc, Cubit, GETX

APIs and Tools: Firebase, Google Maps API, Stripe API, Pusher

Databases: MongoDB, SQL

Experience

Mobile App Developer, BMC Solution Pakistan

Jan 2025 – Jun 2025

- Currently working as a mobile app developer with experience in developing, updating, and deploying production-level apps.
- Worked on HBL Currency Exchange and Terelyne apps — handled updates, deployments, and Play Store / App Store releases.
- Skilled in Flutter, state management (Bloc, GetX), and integrating third-party services like Firebase and Stripe.

Junior Mobile App Developer, Rocket Digital Pakistan

Sep 2023 – Dec 2024

- Designed and developed multiple mobile applications, including HRMS (Manxel), E-Commerce (Clawset), social, carpooling, and expense tracking apps.
- Integrated Pusher Client for real-time data synchronization, enhancing user engagement and app responsiveness.
- Developed APIs and integrated third-party services like Stripe and Firebase to enhance functionality and streamline user experience.
- Maintained version control and collaborated on development using GitHub and ensured secure, efficient API testing with Postman.

Software Engineer, Intern, NexInit – Karachi

July 2022 – March 2023

- Created Expense Manager App and learned fundamentals of Flutter.
- Implemented state management using Provider in Flutter.
- Developed user interfaces (UIs) for various applications.

Education

Bachelor, in Software Engineering

Jul 2020 – Jul 2024

- **Bahria University Karachi**

INTERMEDIATE, Pre-Engineering

Aug 2018 – Aug 2020

- **Bahria College Karsaz Karachi**

Projects

Electronic Voting System Using Blockchain (FYP)

- Designed a secure electronic voting system utilizing blockchain technology and face recognition for authentication.
- Developed smart contracts using **Solidity**, and created separate dashboards for users and voters.
- Used **React** for front-end development, **Solidity** for smart contracts, **Ethereum** for blockchain infrastructure, and **Python Flask** for server-side logic.
- **Tools Used:** React, Solidity, Ethereum, Python Flask, Ganache

Manxel Pakistan

- Created an HRMS app tailored for the Pakistani market to manage tour company tasks effectively.
- Features include recruitment management with efficient tools for attracting and on-boarding talent, and comprehensive employee life-cycle management from hiring to retirement.
- **Tools Used:** Flutter, Dart, Firebase ,Cubit , Clean Architecture

Molty Foam

- Developed an internal-use mobile application for Molty Foam to streamline data collection from franchises.
- Key features include online and offline data syncing, ensuring consistent functionality regardless of connectivity.
- **Tools Used:** Flutter, Dart, GetX, API Integration, SQLite

Book Charm

- Engineered an innovative app for book reading that supports **10 languages** and includes gamified learning tools; successfully engaged 100 users in language practice sessions within the first quarter of launch.
- Implemented **time tracking**, **word matching games**, and a **PDF reader** for enhanced functionality.
- **Tools Used:** Flutter, Dart, Firebase, Provider, PDF Reader