

# MUHAMMAD ABDULLAH

Software Developer

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## PROFESSIONAL SUMMARY

Software Developer specializing in mobile and full-stack development with proven expertise in Flutter and MERN stack solutions. Strong foundation in object-oriented programming, data structures, and database management. Demonstrated ability to deliver complete mobile and web applications with responsive, user-friendly interfaces. Committed to leveraging modern technologies to build efficient, scalable solutions while actively pursuing knowledge in machine learning and data-driven development.

## EDUCATION

**Bachelor of Science in Software Engineering** | CGPA: 3.45

*COMSATS University Islamabad, Abbottabad Campus* | 2023 – Present

**FSc Pre-Engineering** | 88%

*The Peace Group of Schools & Colleges, Mansehra* | 2020 – 2022

## TECHNICAL SKILLS

**Programming Languages:** Java, C, C++, PHP, JavaScript, Dart, Python

**Mobile Development:** Flutter (Dart), Cross-platform mobile applications

**Web Development:** MERN Stack (MongoDB, Express.js, React, Node.js), Tailwind CSS

**Database Management:** MySQL, MongoDB

**Development Tools:** Git, GitHub (version control, branching, merging, pull requests)

**Core Competencies:** Data Structures & Algorithms (DSA), RESTful API Development, Responsive UI Design

## PROJECTS

**Food Delivery Mobile Application / Flutter**

- Developed a cross-platform mobile app with real-time product listings, shopping cart, order management, and multi-restaurant support.
- Implemented responsive UI with smooth navigation across different screen sizes.

GitHub: <https://github.com/mrabdullah99/food-delivery-app>

**E-Commerce Web Platform / MERN Stack**

- Built a full-stack e-commerce platform with dynamic product catalog, shopping cart, user authentication, and AI-powered chatbot.
- Integrated MongoDB for data management and Cloudinary for image handling with RESTful APIs for frontend-backend communication.

GitHub: <https://github.com/mrabdullah99/ecommerce-web>

Live Demo: <https://ecommerce-store-pied-ten.vercel.app/>

**Journey Planner Application / Java (DSA)**

- Engineered a route optimization system utilizing advanced data structures and algorithms including graphs, priority queues, and path-finding algorithms.

## Additional Projects

- Journey Nest – Tourism Platform (React):** Designed interactive tourism platform UI for exploring destinations, hotels, and booking services.
- Airline Reservation System (Java):** Developed booking management system with passenger management, seat allocation, and flight scheduling using OOP principles.