MUHAMMAD ABDULLAH

Software Developer

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GitHub: github.com/mrabdullah99 | Portfolio: abdullah-portfolio-self.vercel.app

PROFESSIONAL SUMMARY

Software Developer with experience in mobile and full-stack development using Flutter and the MERN stack. Skilled in database management, responsive UI design, and building/deploying applications. Strong foundation in data structures and algorithms, with experience in state management, Redux Toolkit, and Firebase. Passionate about creating efficient, user-friendly software and exploring machine learning applications.

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: JavaScript, Dart, Python, Java, C, C++, PHP
Mobile Development: Flutter (Dart) with state management using Provider and Riverpod
Web Development: MERN Stack (MongoDB, Express.js, React, Node.js), Redux Toolkit, Tailwind CSS
Database Management: MySQL, MongoDB, Firebase
Development & Deployment Tools: Git/GitHub, Postman, IntelliJ IDEA, Android Studio, Vercel, Railway
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.