

# MAHNOOR RIZWAN

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## ABOUT

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Full-stack product engineer experienced in building scalable web and mobile applications using **React, Django, and Flutter**. Driven by creating impactful & user-centric products. I bridge design, development, and product thinking, leading projects from concept to launch with a focus on clean architecture, performance, and collaboration.

## WORK EXPERIENCE

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### Full-Stack Product Engineer

Oct 2021 – Present

*We Over I*

- Owned end-to-end delivery of mobile and web features across **Flutter, Django, and React**; shipped production releases and maintained code quality through reviews and documentation. Iterated on feature enhancements for existing products: improving performance, maintainability, and user experience.
- Designed and implemented scalable architectures and reusable UI libraries (e.g. **Responsive Kit**), focusing on clean **state management** and **API integrations** (REST/Firebase/FCM).
- Built **pixel-perfect** interfaces and complex **animations** using (**BLoC + Hive**), ensuring smooth performance on mid-range devices through optimization and testing.
- Led **sprint planning, stakeholder communications, and roadmapping**; translating product goals into actionable engineering tasks with clear scope, estimates, and timelines.
- Championed **team culture and developer experience** by mentoring peers, facilitating knowledge sharing, and improving delivery processes.
- Published and supported apps on **Google Play** and **App Store**; managed releases, analytics, and crash monitoring to maintain quality post-launch.

## PROJECTS

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### While — *Meditation Timer App*

Led development of a minimalistic meditation timer app with intricate animations for pixel-perfect development. Built using **Flutter**, optimized for performance and user experience.

### Cherrish — *cherrish.one*

Maintained a matchmaking app for ambitious women and men. Built using **Flutter** for both iOS and Android, integrating invitation-based onboarding and audio-first conversations to reshape modern dating dynamics.

### Progression Product — *Backend Development*

Developed **Django REST** backend with **database design concepts**, API architecture, and third-party integrations. Developed the frontend with **Builder.io** and **Cursor**, and led the project end-to-end as the primary engineer.

### BridgeLinx — *Flutter App & Web Terminal*

**BPay**: Built payment app with secure transactions, Flutter UI, and robust state management.

**BLX Terminal**: Contributed to bug fixes and performance improvements in the Flutter web terminal interface.

### Catalyst — *catalyst-lp.pages.dev*

Built web app with **React + Vite**, focused on modular components, responsive design, and performance.

### Storia — Supported new feature development for an AI-Powered Journaling App built in **React Native**.

### Neuroverse — Resolved critical bugs and optimized **Django Backend** for a brain health platform.

## EDUCATION

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### BSc Electrical Engineering

Sep 2017 – Aug 2021

*Information Technology University (ITU), Lahore*

- Credential verified by WES (World Education Services).

### Semester Exchange – UGRAD Program

Jan 2020 – May 2020

*University of Missouri, Columbia, USA*

- Completed exchange under USEFP-funded UGRAD program with SGPA 3.92.

## SKILLS & TOOLS

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**Languages:** JavaScript, Python, Dart, SQL, HTML/CSS

**Frameworks:** React, Django REST Framework, FastAPI, Flutter, Node.js, Material-UI, Tailwind CSS

**Developer Tools/AI Tools:** VS Code, GitHub, Notion, Figma, Firebase, Mixpanel, Slack, Builder.io, Cursor, Claude, GitHub Copilot, ChatGPT

**Concepts:** REST APIs, Responsive Design, State Management, Testing & Debugging, Cross-Team Collaboration