

MAHNOOR RIZWAN

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ABOUT

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

Full-Stack Product Engineer	Oct 2021 – Present
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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

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

BSc Electrical Engineering	Sep 2017 – Aug 2021
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Information Technology University (ITU), Lahore

- Credential verified by WES (World Education Services).

Semester Exchange – UGRAD Program

University of Missouri, Columbia, USA

Jan 2020 – May 2020

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

SKILLS & TOOLS

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