

# Hasan Mahmud

FULL-STACK MOBILE & WEB DEVELOPER

Passionate developer with 3+ years of freelance experience. Skilled in building pixel-perfect UIs and fluid animations that create user-friendly experiences. Now seeking a full-time role to grow within a team and contribute to meaningful products.

## WORK EXPERIENCE & PROJECTS

**Smart CV** / Freelance work [View on Play Store](#) [Source Code](#)

- A fully offline mobile app that lets users create stylish CV & Resumes.
- Allows customizing fonts, colors, page size & more
  - Integrated multiple PDF templates & PDF Viewer
  - Implemented modular architecture with Zustand for state management
  - Supports light/dark themes and Google AdMob for monetization
  - Built responsive UI with pixel-perfect layouts and animations

**Tech Used:** React Native, Tamagui, Zustand, Expo, HTML-to-PDF, rn-pdf-reader

**Smart QR** / Freelance Work [View on Play Store](#) [Source Code](#)

- A lightweight Flutter app for scanning and generating QR codes and barcodes.
- Supports scanning via camera and from images using images\_picker
  - Generates QR codes for text, links, contacts, and more using qr\_flutter
  - Stores scan history locally with Hive, with copy/share/delete actions
  - Allows saving generated QR codes directly to the device gallery
  - Optimized for dark mode and built with clean architecture and Riverpod

**Tech Used:** Flutter, Riverpod, Hive, qr\_flutter, scan, images\_picker

**Saweria.co** / Freelance Work [Visit Website](#) [Source Code](#)

- Developed the frontend for Saweria, a platform that helps creators connect with fans, manage donations, and grow communities.
- Built responsive, scalable UI using Next.js, Tailwind CSS, and Radix UI
  - Integrated dynamic routes, animations, and real-time updates
  - Focused on pixel-perfect UI and seamless mobile/desktop experience
  - Collaborated closely with the backend team during freelance contract

**Tech Used:** Next.js, TypeScript, Tailwind CSS, Radix UI, React, ShadCN

**Lume Music Player** / Open Source [Source Code](#)

- Lume is a sleek, offline-first music player app built with Flutter, offering smooth transitions, and background audio playback.
- Built UI with a focus on beautiful animations and carousel-style navigation
  - Integrated offline audio querying and playback using
  - Handled system permissions, local file access, and notification controls
  - Used BLoC, Freezed, and Equatable for clean state management architecture

**Tech Used:** Flutter, Dart, Flutter BLoC, Freezed, Just Audio, Audio Service, Carousel Slider, LoopPageView



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## SKILLS

### Programming Language:

TypeScript, Dart, Go, Lua

### Framework:

React, React Native/Expo, Next.js, Flutter, Vue.js

### Design & UI:

Tailwind CSS, Shadcn, GSAP, Framer Motion, HTML/CSS

### Backend:

Express, Node.js, REST & GraphQL

### Database:

MongoDB, SQLite, Hive, Firebase

## TOOLS

Git & GitHub, VS Code, Neovim, Firebase Console, Expo/EAS CLI, Android Studio, Docker (basic), Flutter DevTools, Chrome DevTools, Figma, Postman,

## EDUCATION

2023 | Diploma in Engineering

Electrical Technology

DHAKA POLYTECHNIC INSTITUTE

2017 | S.S.C

Electrical Technology

UCEP MIRPUR TECHNICAL SCHOOL