





# Hamza Iqbal

Full Stack Engineer | Rust, Flutter, React Native

A self-taught engineer with 8+ years of experience, I've built different types of software solutions like travel booking platforms, social networks, online stores, and business applications. I mostly use Rust, Flutter, NextJS, NodeJS, and React Native.

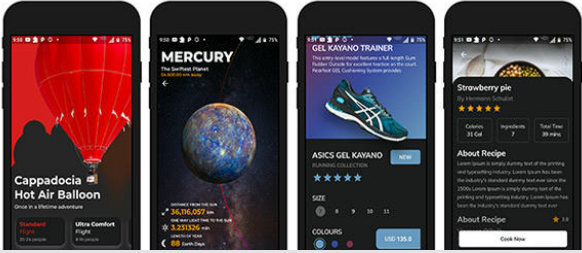
Outside of coding, I enjoy flying drones and playing story-rich video games like Detroit: Become Human and Cyber punk.

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## Skills

-  React JS
-  Next JS
-  Tailwind CSS
-  Webassembly
-  Typescript
-  Material UI
-  Firebase
-  Dioxus
-  Flutter
-  React Native
-  Socket.IO
-  Internationalization
-  Multi Threaded Apps
-  E2E Testing
-  Pixel Perfect UI
-  Parallax Animations
-  Rust
-  Axum
-  Node JS
-  Adonis JS
-  Express JS
-  CLI App
-  Github Actions
-  Postgres

Projects



### Flutter UI Designs

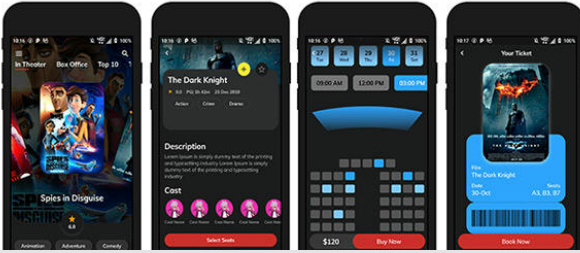
Open Source

Mobile App

Google Play

Github

Web



### Flutter movie concept


Open Source

Mobile App

Google Play

Github

Web



### React Native Loop


Open Source

Mobile App

Google Play

Github

Web



### Gandalf

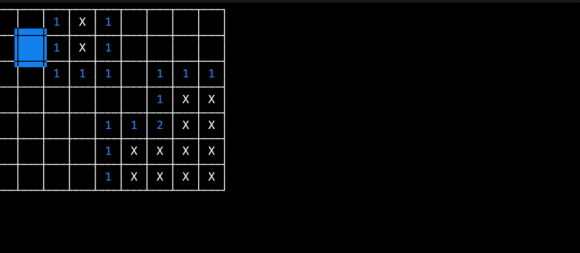
Open Source

Mobile App

Google Play

Github

Web

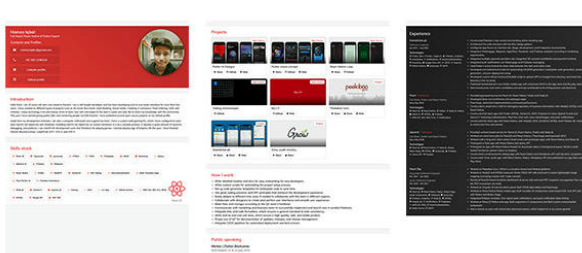


### Golang minesweeper

Open Source

>\_ CLI App

Github




### My CV

Open Source

Web App

Github

Web



### Wheelbees


Product

Full Stack

Google Play

App Store

Web




### QuestSocial

Product

Full Stack

App Store



### Mixfame


Product

Mobile App

Google Play

App Store

Web



### Peekaboo Guru

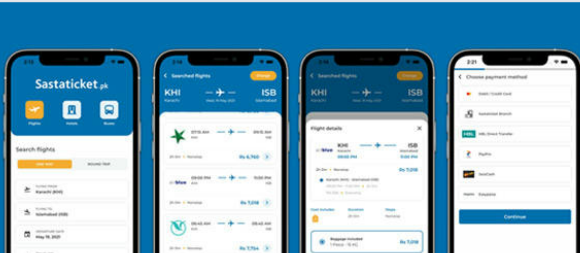
Product

Full Stack

Google Play

App Store

Web



### Sastaticket.pk


Product

Mobile App

Google Play

App Store

Web



### Grow youth ministry

Product

Mobile App

Google Play

App Store

## Experience

### Mixfame Freelance

Freelance mobile engineer  
Dec 2023 - Jun 2024

Flutter

Bloc

Provider

Firebase

Analytics

Animations

Notifications

In-app purchase

- Built Flutter mobile app from scratch for Mixfame, a talent management platform, integrating Firebase, and In app purchase.
- Deeplinking via push notifications and dynamic links for user engagement and retention.

### Toptal Contracter

Freelance software engineer  
Sep 2021 - Present

Flutter

Golang

React JS

React Native

Typescript

Firebase

Node JS

Adonis JS

Postgres

Ethereum

Ethers

- Built a React Native app prototype for BasedApp (fintech startup) integrating Web3, SafeWallet, Magic Link, and various blockchain functionalities.
- Developed Quest Social's real-time backend (AdonisJS, MySQL, Socket.io) and React Native mobile app with improved state management, revamped designs and new features, successfully publishing to App Store and Play Store.
- Prototyped a Flutter mobile app for New York based trading startup.

### Voxlabs Contract

Project software engineer  
Aug 2021 - Oct 2021

Flutter

Firebase

Typescript

React JS

Material UI

- Developed a vanilla JavaScript paywall plugin with ad-block bypass capabilities through dynamic CSS implementation, along with a admin panel built using React, TypeScript, Zustand, and Firebase.
- Maintained an existing Flutter mobile application and did code reviews of junior developers' work.

### Sastaticket.pk Full time

Software engineer  
Jan 2021 - Aug 2021

Flutter

Bloc

Provider

Firebase

Analytics

Animations

Notifications

Payments

Google Drive API

Node JS

Github Actions

- Architected and developed Pakistan's top-ranked airline travel app using Flutter and Bloc design pattern, successfully publishing on App Store and Play Store.
- Implemented robust development infrastructure including multi-environment configuration and automated workflows for internationalization, boilerplate code, assets generation, and deployment processes.
- Integrated analytics suite (Webengage, Mixpanel, AppsFlyer, Facebook, Firebase) and multiple payment gateways (Easypaisa, Jazzcash, Paypro, 3D-secured Credit/Debit cards).
- Hacked a zero cost CI/CD solution using Github Actions and NodeJS for automated APK distribution to Google Drive with email notifications.

### Upwork / Fiverr Contracter

Freelance software engineer  
May 2018 - Oct 2021

React JS

React Native

Flutter

Bloc

Redux

Redux Saga

Node JS

Adonis JS

Asana API

Dropbox API

MYSQL

Firebase

Notifications

AWS (S3, SES, RDS, EC2)

- Provided full stack development services for ReactJS, React Native, Flutter, and NodeJS, delivering prototypes and production ready applications
- Built and published multiple mobile applications including 'Grow Youth App' using React Native with Redux and WordPress API integration, launching on both App Store and Play Store.
- Prototypes a background video processing app using React Native threads and NodeJS/Dropbox integration.
- Developed a full-stack small CMS with ExpressJS and React Native App for management of business information repositories.
- Built Wheelbees, a comprehensive chat application for drivers featuring social authentication, real-time messaging with voice notes and images, advanced search capabilities (text/speech/image recognition), and push notifications.

### Fetch Sky Full time

Software engineer  
Dec 2016 - Oct 2018

React JS

React Native

Redux

Redux Saga

styled-components

webpack

Firebase

Analytics

Node JS

MYSQL

Angular JS

Notifications

Puppeteer

AWS (S3, SES)

- Worked on Peekaboo Guru, a location-based and lifestyle platform, developing its NodeJS/MySQL backend, ReactJS web app, and React Native mobile app.
- Built custom modules including a lightweight image cropping and sizing module using node-canvas, integrated Redux ecosystem (Redux-Saga, ImmutableJS) for state management, and implemented third-party services like Firebase analytics and OneSignal notifications.
- Developed internal tools including an AngularJS admin panel and a server-side rendered analytics dashboard with PDF reporting capabilities.