

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

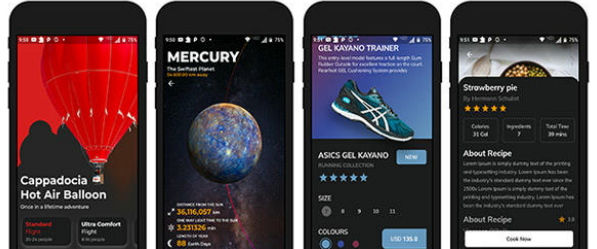
 Express JS

 CLI App

 Github Actions

 Postgres

Projects



Flutter UI Designs

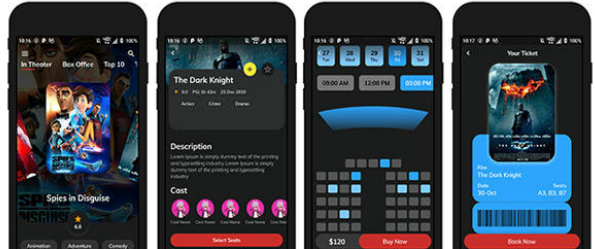
Open Source

Mobile App

Google Play

Github

Web



Flutter movie concept

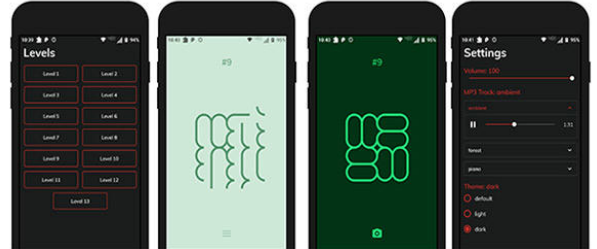
Open Source

Mobile App

Google Play

Github

Web



React Native Loop

Open Source

Mobile App

Google Play

Github

Web



Gandalf

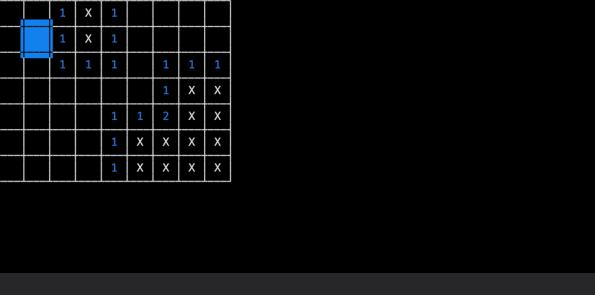
Open Source

Mobile App

Google Play

Github

Web

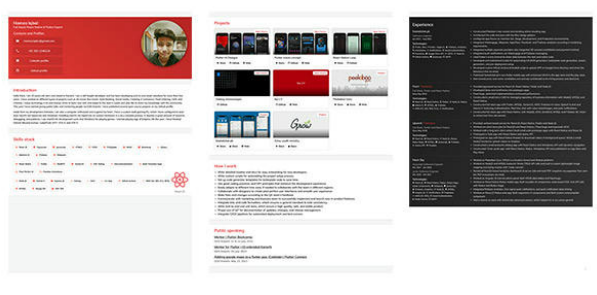


Golang minesweeper

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

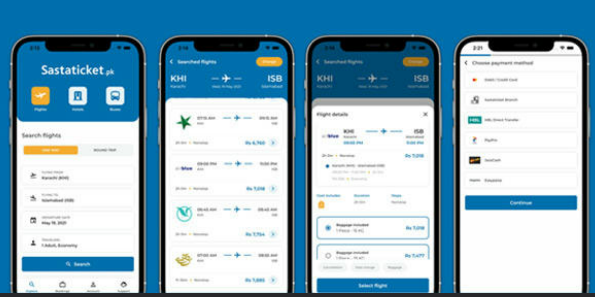
Product

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

Contractor

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

Contractor

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.