



Hamza Iqbal


Full Stack Engineer | Rust, Flutter, React Native


A self-taught engineer with 7+ 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


Flutter


React Native


Socket.IO


Internationalization


Multi Threaded Apps


E2E Testing


Pixel Perfect UI


Parallax Animations


Rust


Node JS

Adonis JS

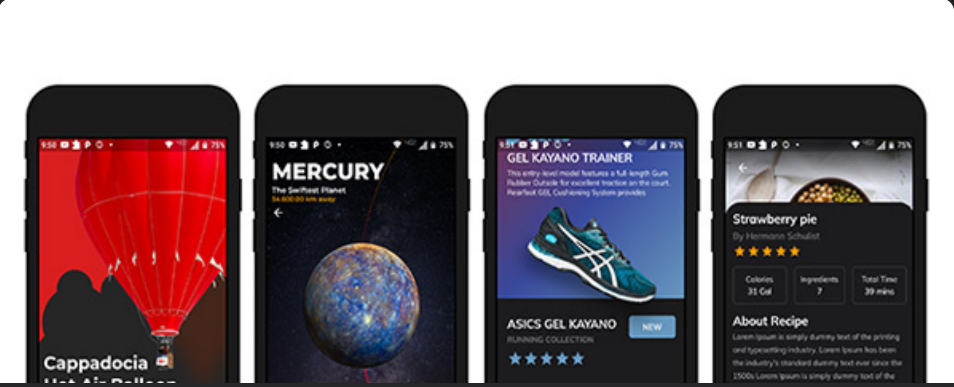
Express JS

CLI App

Github Actions

Postgres

Projects



Flutter UI Designs

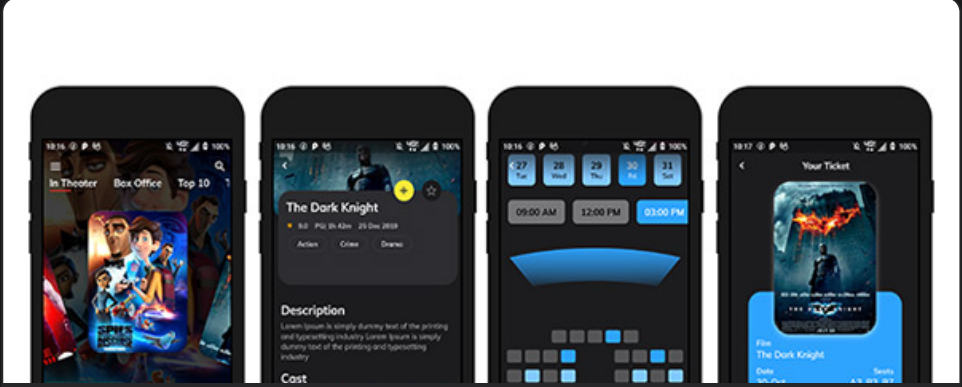
Open Source

Mobile App

Google Play

Github

Web



Flutter movie concept


Open Source

Mobile App

Google Play

Github

Web



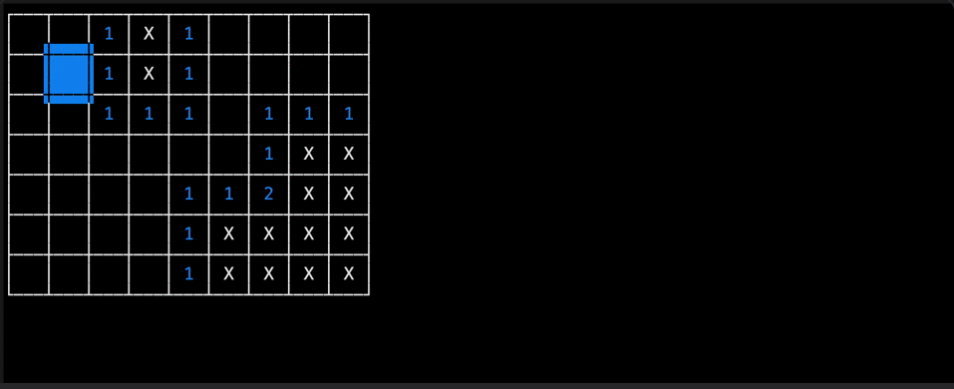
React Native Loop

Open Source

Mobile App

Google Play

Github

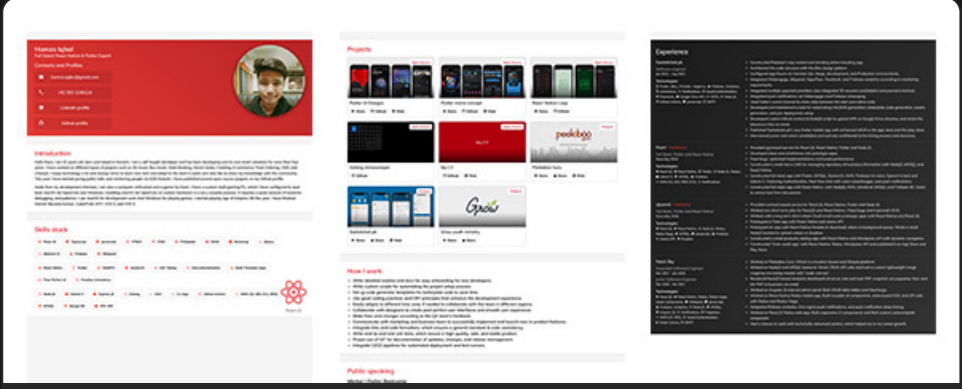


Golang minesweeper

Open Source

CLI App

Github




My CV

Open Source

Web App

Github

Web



Peekaboo Guru

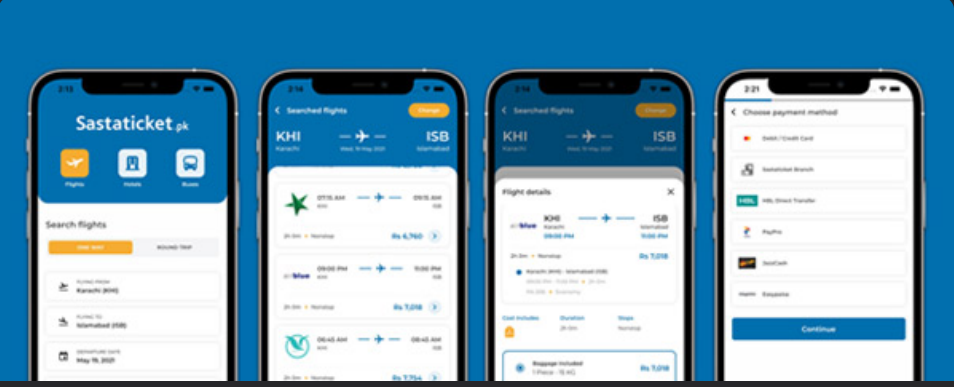
Product

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

Toptal

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

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

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.

Fiverr

Freelance software engineer  
Sep 2018 - Oct 2021

React JS

React Native

Flutter

Bloc

Node JS

Redux

Redux Saga

Adonis JS

MYSQL

Firebase

Notifications

AWS (S3, SES, RDS, EC2)

- Provided gig-based development services across ReactJS, React Native, Flutter, and NodeJS, transforming client wireframes into production-ready applications while optimizing performance and fixing critical bugs.
- Constructed a full-stack micro CMS system with mobile app interface for efficient management of business information repositories.
- Developed a full-stack document management application with machine learning integration for automated price detection and highlighting capabilities.
- 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.

Upwork

Freelance software engineer  
May 2018 - Oct 2021

React JS

React Native

Node JS

Redux

Redux Saga

MYSQL

Firebase

Asana API

Dropbox API

- Provided contract-based development services across multiple technologies including ReactJS, React Native, Flutter, and NodeJS, delivering both short-term bug fixes and long-term prototype applications
- Built and published multiple mobile applications including 'Grow Youth App' using React Native with Redux and WordPress API integration, successfully launching on both App Store and Play Store.
- Developed innovative prototypes including a background video processing app using React Native threads and NodeJS/Dropbox integration, and a products catalog app with dynamic navigation and WordPress API integration.

Fetch Sky

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.