



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

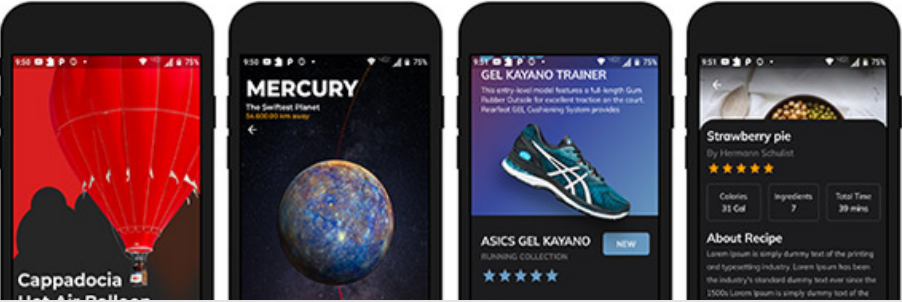
 Express JS

 CLI App

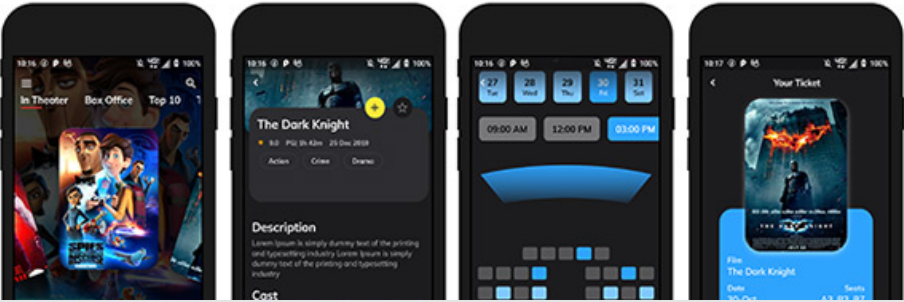
 Github Actions

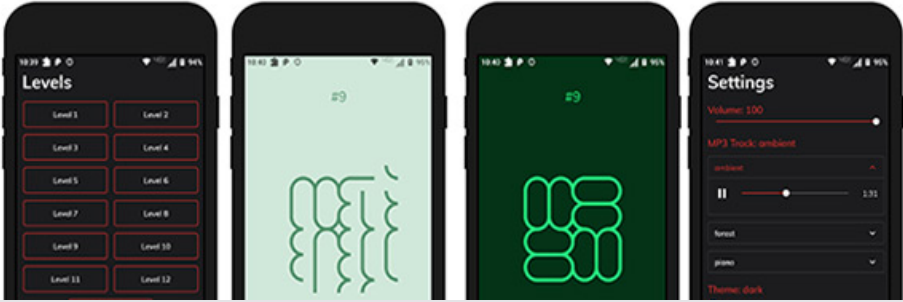
 Postgres

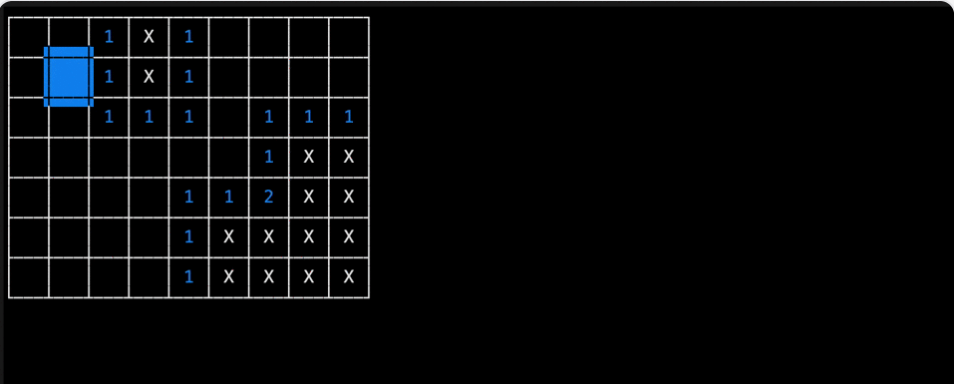
Projects

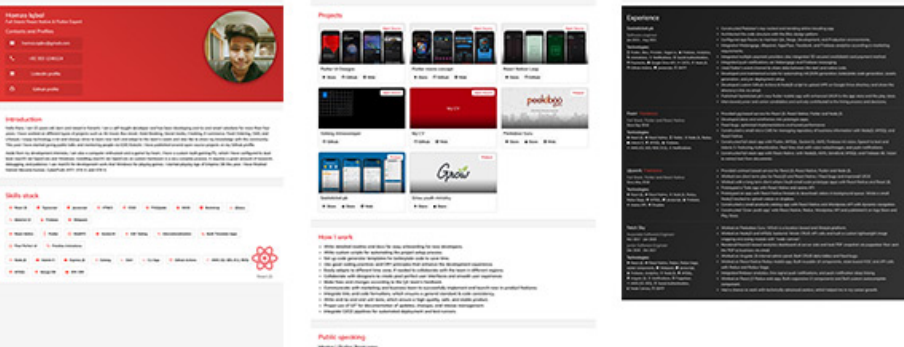



Flutter UI Designs

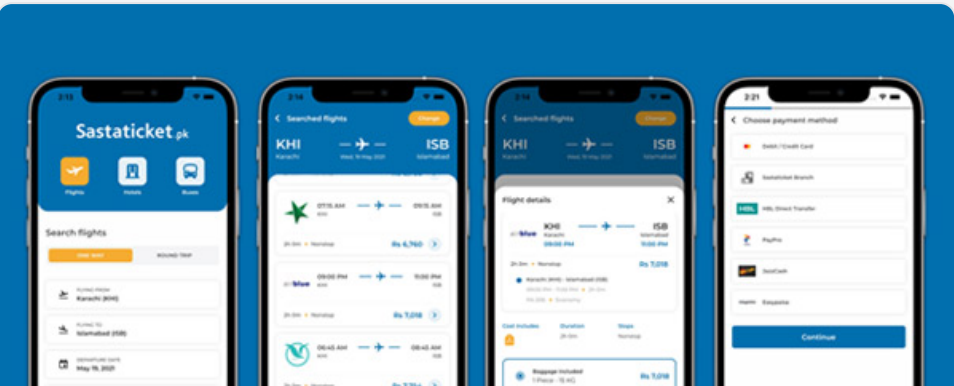
 Open Source

 Mobile App


 Google Play


 Github


 Web





Flutter movie concept

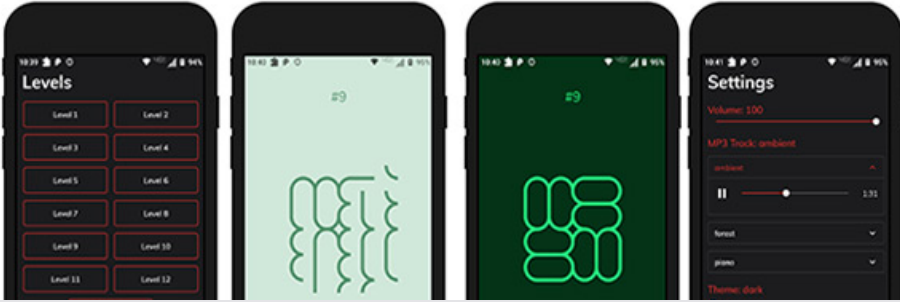
 Open Source

 Mobile App


 Google Play


 Github


 Web




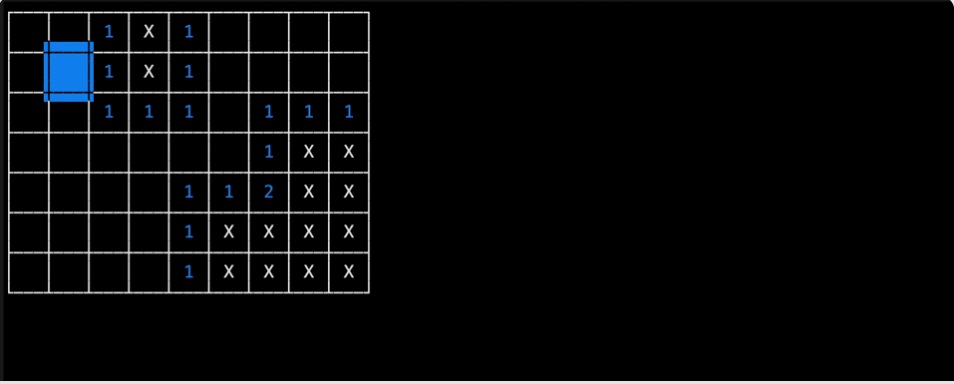
React Native Loop

 Open Source


 Mobile App


 Google Play


 Github

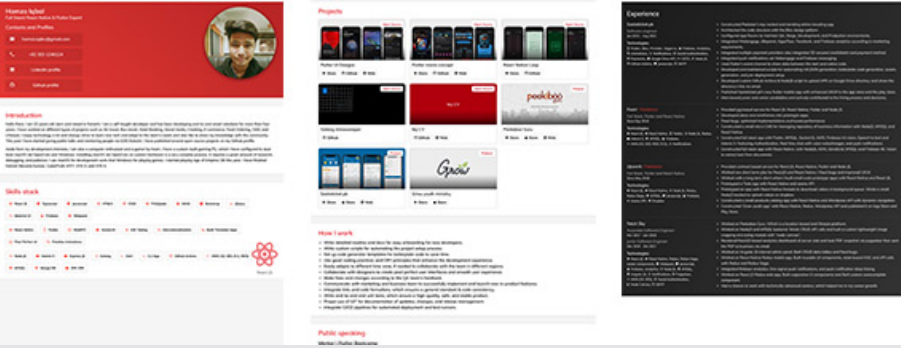


Golang minesweeper


 Open Source


 CLI App


 Github





My CV

 Open Source


 Web App


 Github


 Web





Peekaboo Guru

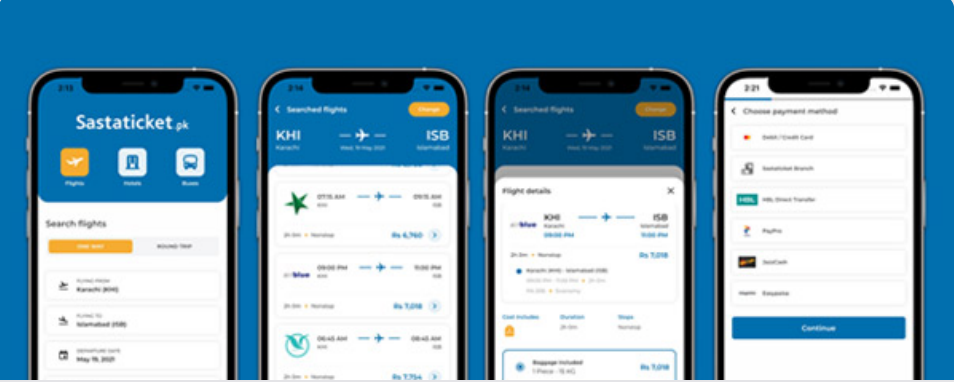
 Product

 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.

