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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- 𝕏 @hmziqrs
- in @hmziqrs

Skills

- ⚛ React JS
- Ⓝ Next JS
- 🌊 Tailwind CSS
- Ⓦ Webassembly
- TS 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
- ex Express JS
- CLI App
- Github Actions
- Postgres
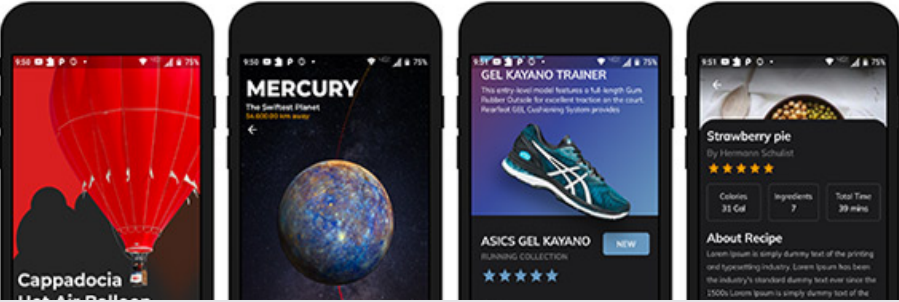
Projects
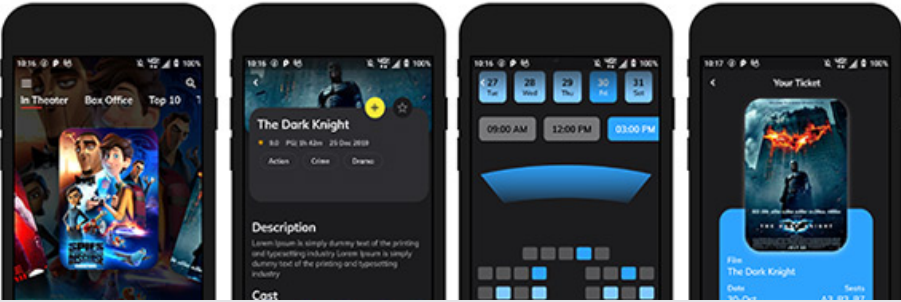
Flutter UI Designs
- Open Source
- Mobile App
- ▶ Google Play
- Github
- 🌐 Web

Flutter movie concept
- Open Source
- Mobile App
- ▶ Google Play
- Github
- 🌐 Web
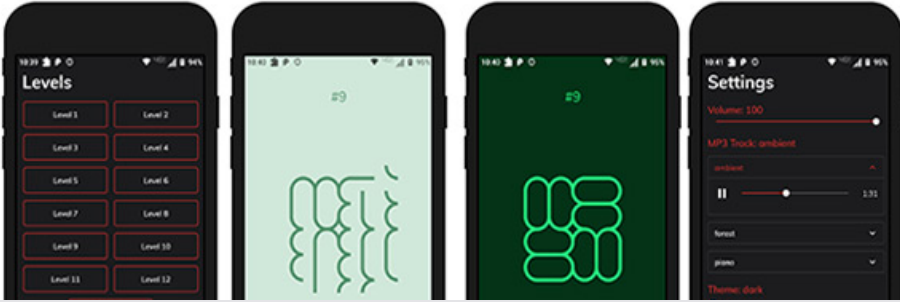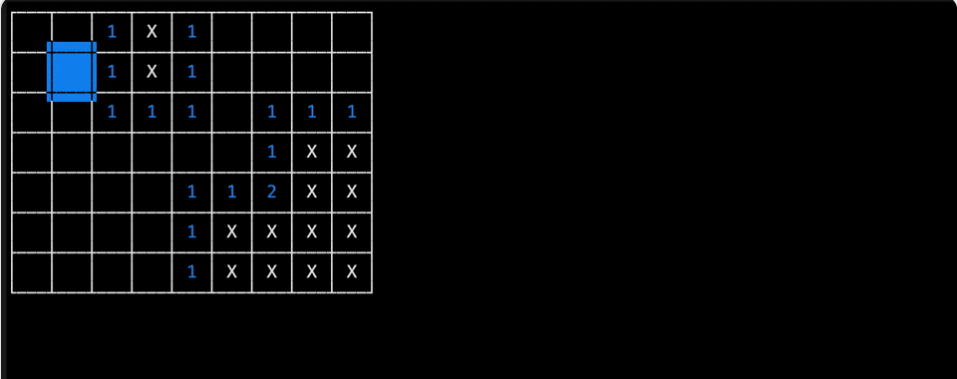
React Native Loop
- Open Source
- Mobile App
- ▶ Google Play
- Github

Golang minesweeper
- Open Source
- CLI App
- Github

My CV
- Open Source
- Web App
- Github
- 🌐 Web
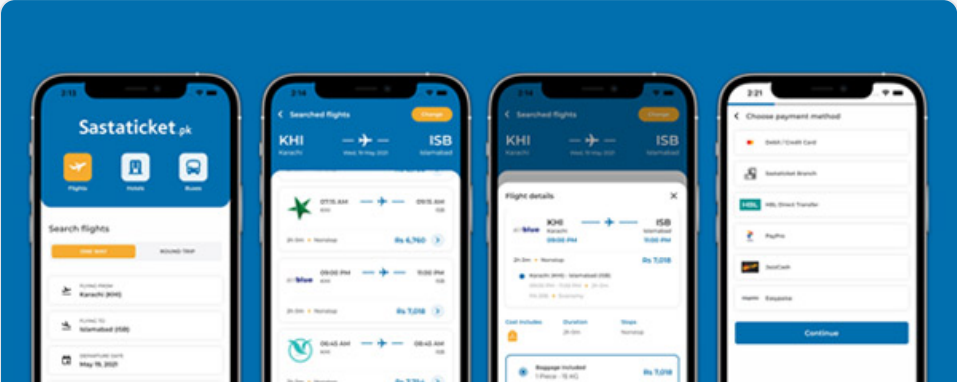
Peekaboo Guru
- Product
- Full Stack
- ▶ Google Play
- App Store
- 🌐 Web

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

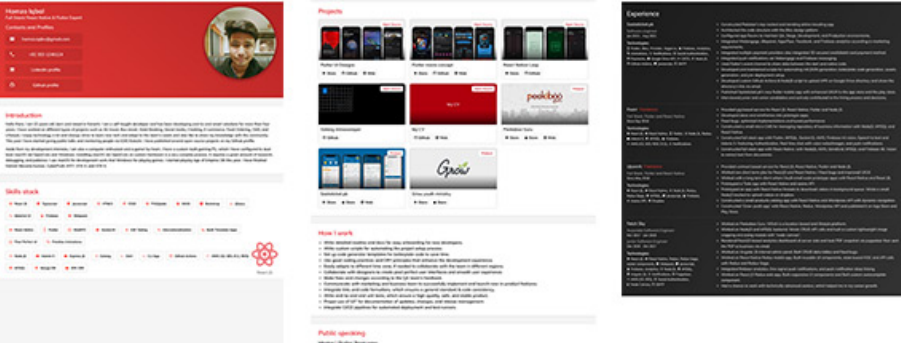- Architected and developed Pakistan's top-ranked airline travel app using Flutter and Bloc design pattern, successfully publishing on App Store and Play Store.
- Implemented robust development infrastructure including multi-environment configuration and automated workflows for internationalization, 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.