Syed Murtaza.

Flutter Lover ♥

syedmurtaza108@gmail.com

PROFILE

Results-oriented **Mobile Application Developer** with 2+ years experience developing, testing, and maintaining enterprise mobile applications. Designed and developed various **native** and **cross platform** advanced applications from use cases and functional requirements.

EDUCATION

BSCS
University of Karachi
2016-2020

INTERMEDIATE (PRE-ENGINEERING)
BIEK
2014-2016

HIFZ UL QURAN
Madrasat-ul-Madina
2007-2009

EXPERTISE

Flutter

Kotlin

Nest JS

SQL

Photoshop

PHONE
+92 311 8328159

MEDIUM
syedmurtaza108.medium.com

WEBSITE
www.syedmurtaza.site

GITHUB
syedmurtaza108

WORK EXPERIENCE

Software Engineer (Flutter, Native Android)

Present KoderLabs, Karachi

Responsible to maintain their previously developed mobile applications and provide solutions to new business problems

Freelance Developer (.Net Desktop)

2019 - 2020 The Eemaan Academy, Karachi

Responsible to develop ERP system for their business and automate their daily workloads

Graphics Designer (Inpage, Photoshop)

2017 - 2019 Freelancing

Responsible to design brochures, posters, social media posts and etc. for various clients

OPEN SOURCE CONTRIBUTION

Chucker Flutter
An HTTP requests inspector inspired by Chucker Android. It can work on **Desktop, MacOS, iOS, Android, Linux and web**. For more information, visit its Github repo page.

https://github.com/syedmurtaza108/chucker-flutter

FP
Flutter Postman (In Progress)
It is an online tool that helps you to verify HTTP api calls and automatically generates its correspoding dart code for requests and response models, which increases a Flutter developer's productivity. It is still under development, I work on it in my free time.

https://flutter-postman.web.app/

https://github.com/syedmurtaza108/flutter-postman

I do not claim to own all projects listed here *. What I claim is to work on these projects in individual capacity or with a bunch of other developers.

PORTFOLIO.

* The purpose of mentioning these projects here is to give you idea of what and how I contributed to those projects.

BLUSH AUTOMATON

A Simulator of Abstract Machines

Key Points

Generate the **DFA** and **Moore Machine**

Check the given **string**, whether it's valid or not

Save the diagrams in **specified format**

Generate the **transition table** and **transition tree** and save them in **.txt** OR **.html** file formats
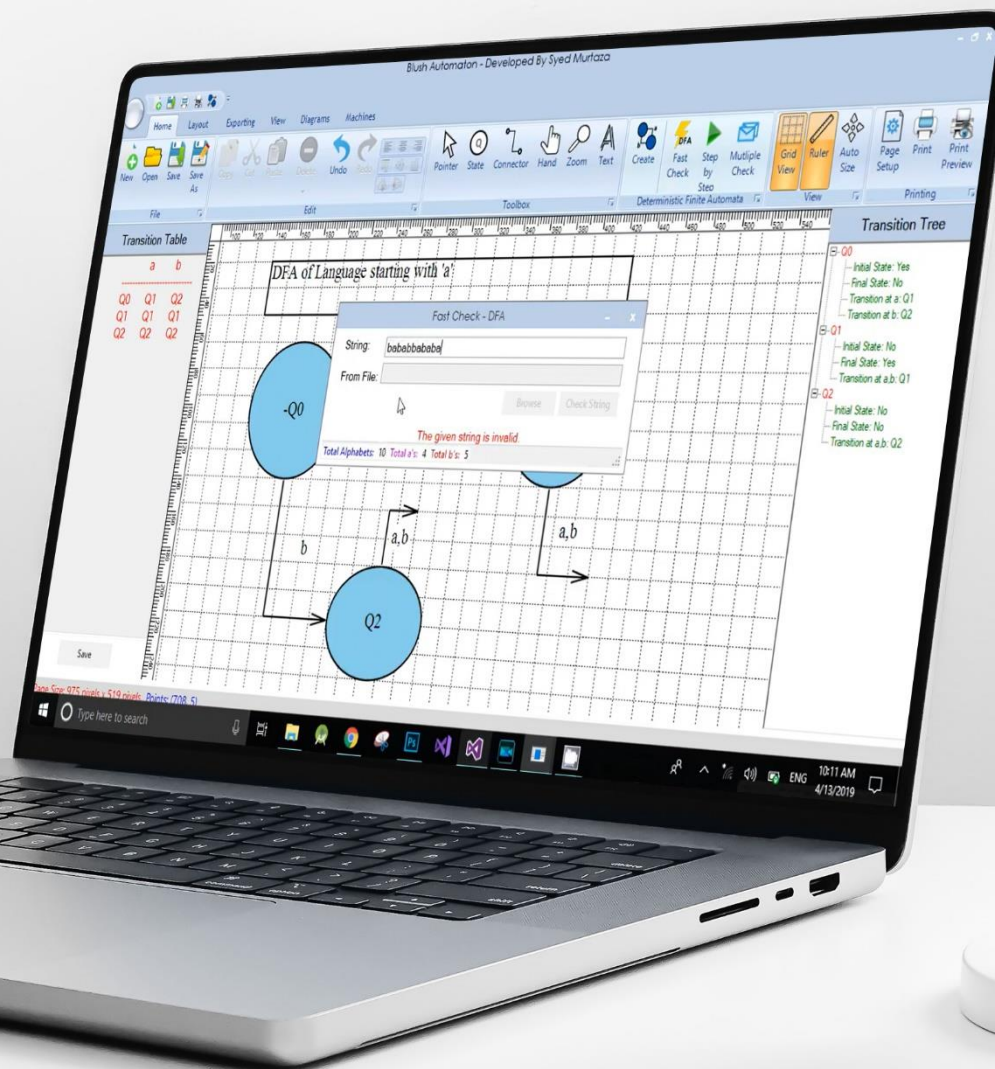
Simulate the DFA and Moore machine

Export the diagram in **JPEG, PNG, GIF or SVG** formats

Change the size and orientation of printing pages

Print the diagram

To watch demo of the software, Click Here or Scan QR code

BOOLEANISM

A Digital Electronics Simulator

Key Points

Digital electronics simulation software like **Proteus** and **Multisim**

Simulates **30+ Digital Electronics Components**

Generate **truth table** automatically of any circuit

Exports the truth table in **4 different formats** including simple text, HTML and etc.

Prints the circuit in any page or can export in JPEG, PNG or GIF file formats

Built in circuits of **Full Adder, Up Counter, Down Counter, Up/Down Counter** and etc.

To watch demo of the software, Click Here or Scan QR code

To visit the repo of the software, Click Here or Scan QR code

AROMA

Food Ordering System

Key Points

Natively built Android mobile app for **Order Placement**

Used **Firebase** for real time order updates

.Net Report Viewer for viewing and printing order receipts

Website built in **ASP.Net** for order placement
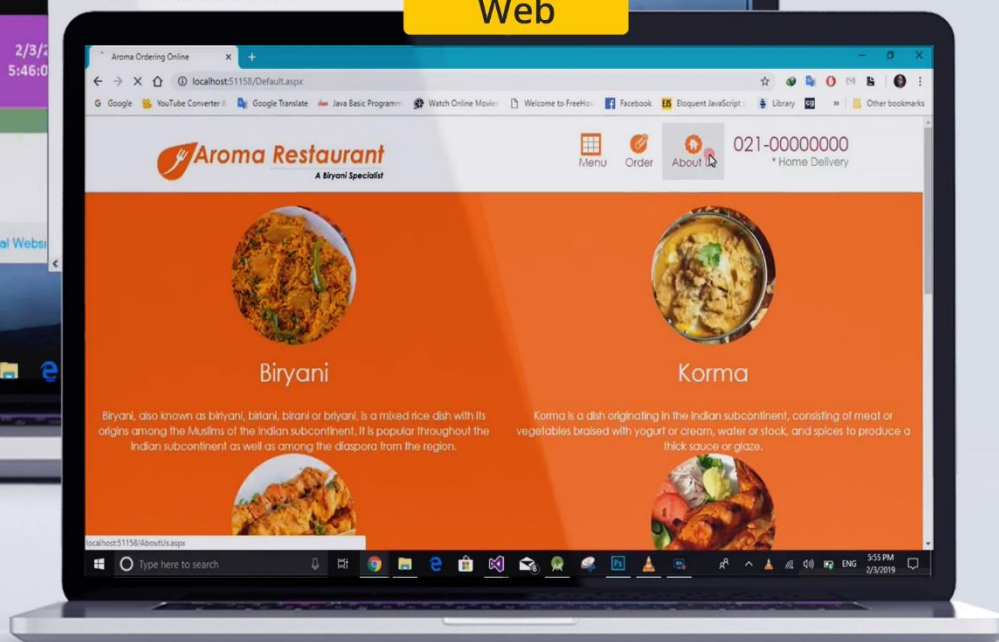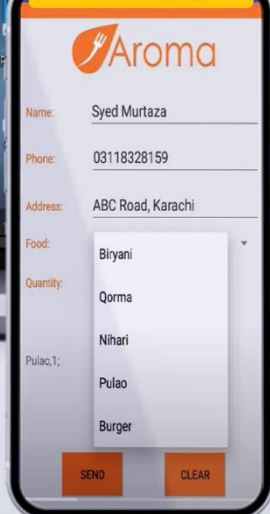
Many other food system features

To watch demo of the software, Click Here or Scan QR code

Desktop

Web

Mobile

ALQURAN APP

—

Quran Recitation App

To watch demo of the software, Click Here or Scan QR code

16-Lines Quran version

Specially developed for the use of **Huffaz**

Natively built using Kotlin

Many other features

Hello! Welcome to

eArticle360

A reader lives a thousand lives before he dies, said Jojen. The man who never reads lives only one.

George R.R. Martin, A Dance with Dragons

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EARTICLE 360

Personal Blog Website

Key Points

C# based desktop Admin panel

Website front-end built on **React JS**

Mobile app to give users easy access to content

Many other features

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Key Points

Used **Arduino** as a brain of machine

Implemented calligraphical path using **CNC Module**

Converted Urdu fonts to **SVG path** and SVG path to **G-Code**

Created C# based **Desktop Application** to handle physical machine

ALKHATTAT (URDU CALLIGRAPHER)

Calligraphy Machine + Software

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ENQUEUE KIOSK

E-Commerce Solution

Key Points

Built using **Flutter**

Socket integration for real time order updates

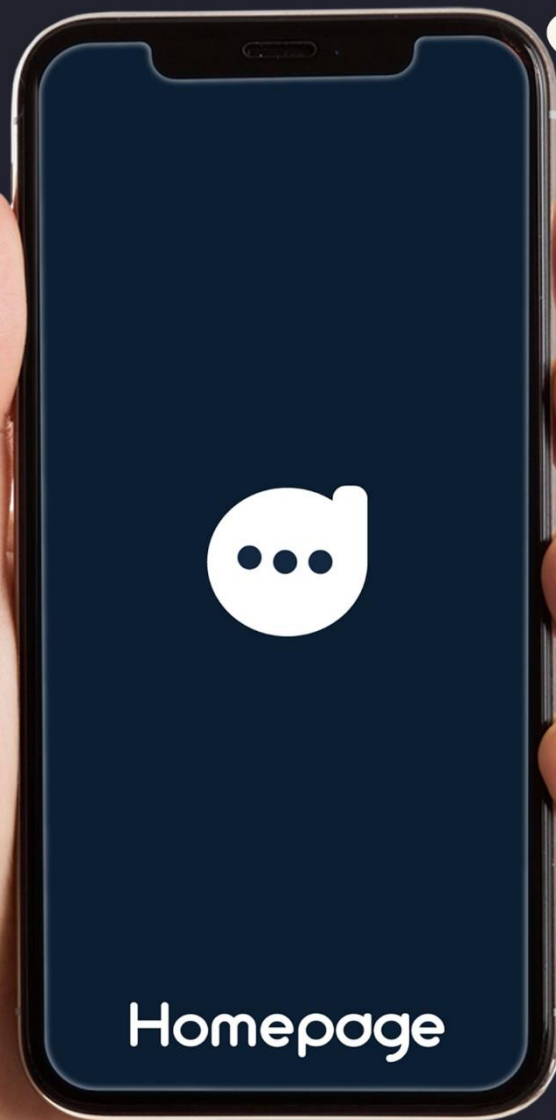Used **Streams** for data sharing

Flutter Graph integration

Many other e-commerce features

To visit app on Google Play, Click Here or Scan QR code

HOMEPAGE UAE

—

E-Commerce Solution

Homepage

Key Points

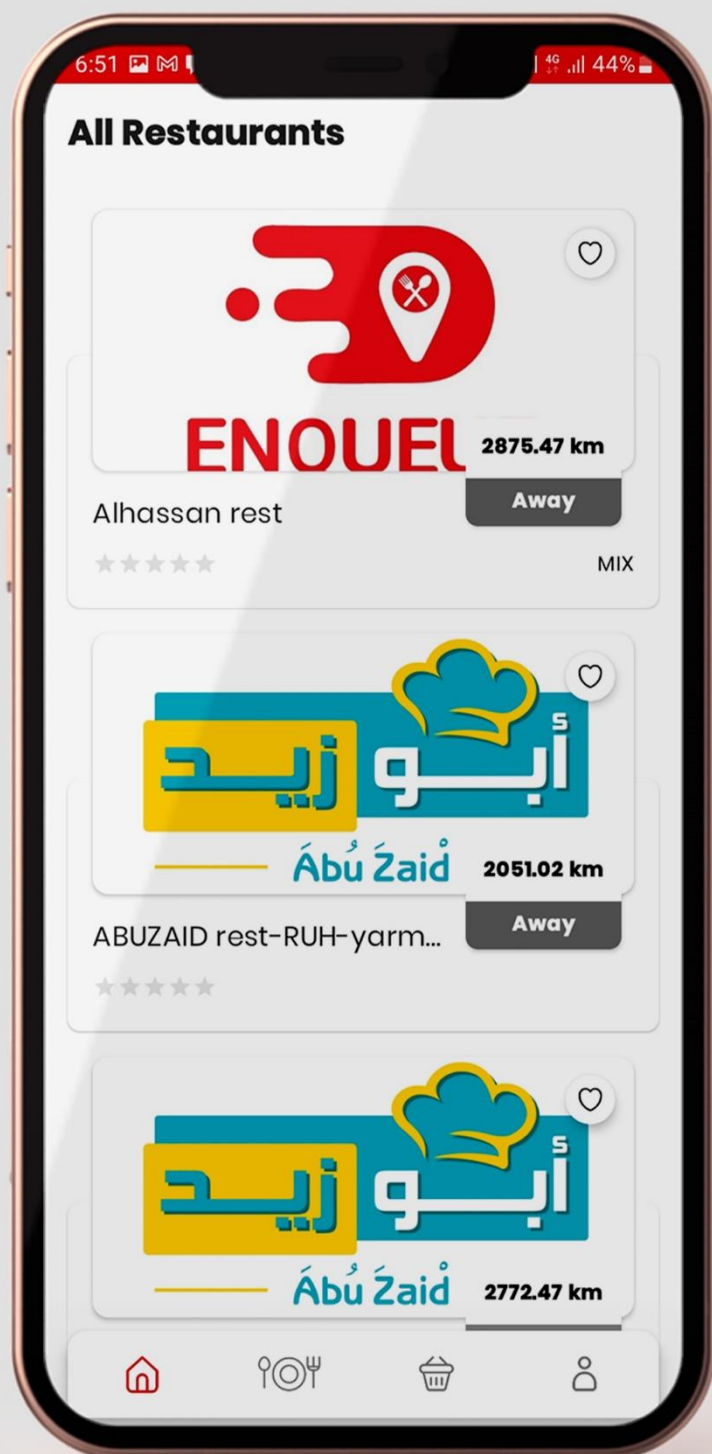Implemented **MVVM** architecture

State management using **MobX**
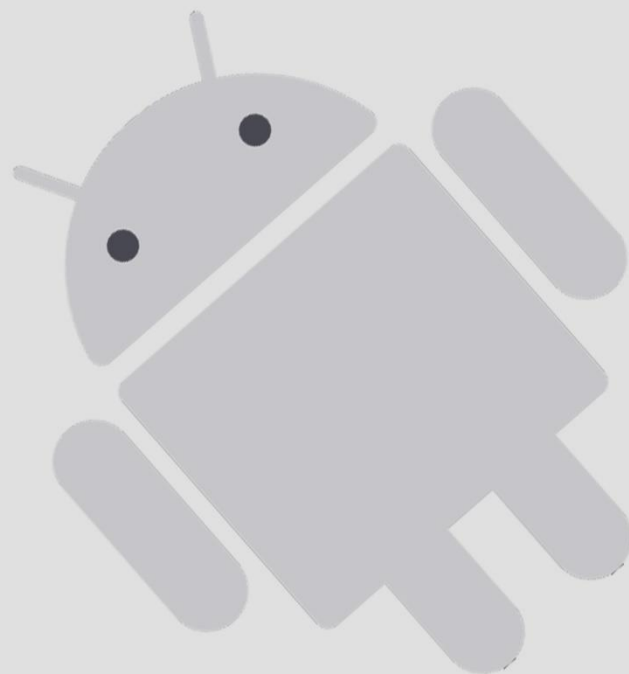
Rest API integration using **Dio** and **Retrofit**

Both iOS and Android apps

All other standard e-commerce features

To visit app on Google Play, Click Here or Scan QR code

ENQUEUE

E-Commerce Solution

Key Points

Natively built using **Kotlin**

Followed **MVVM** architecture

Used **Kotlin Coroutines** and **LiveData**

Background service for location sharing

All other standard e-commerce features

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FISHFIN
APP

Business Solution for Fishers

Key Points

Implemented **Clean-code** architecture

State management using **Flutter Bloc**

Rest API integration using **Chopper** and **Http**

UseCases approach for code reusability

Aesthetic **UI** design