

Muhammed Irshad

Senior Specialist, Technical Delivery at DKSH



Kuala Lumpur, Malaysia

[Irshux](#)

[github.com/irshuLx](#)

[http://stackoverflow.com/story/irshu](#)



Passively Interested

Open to full-time, contract positions.



Open to remote work

Open to remote work opportunities.



Open to relocation

Open to relocating to Singapore; Bangkok, Thailand; Hong Kong; Tokyo, Japan;

TECHNOLOGIES

Preferred technologies

asp.net-core tdd c++11 fix-protocol java c# jquery c sql-server mysql entity-framework-core dependency-injection internationalization extreme-codebase-architecture android signalr websocket active-directory openxml

Non-preferred technologies

laravel php

Top Percentiles



android

asp.net asp.net-mvc c#

android-studio json

INTRO STATEMENT

A results-driven, customer-focused, articulate and analytical Senior Software Engineer who can think "out of the box". Strong in design and integration problem-solving skills.

A contributor on [github.com](#) and [stackoverflow.com](#)(top 7%)

Side hustles include tinkering with electronics, trading options, reading about world economics which lead me to familiarize with reading financial statements and balance sheets.

Online Profiles



■ Github: <https://github.com/irshuLx>

■ Stackoverflow: <https://stackoverflow.com/users/1155282/irshu>

■ Twitter: <https://twitter.com/irshux>

EXPERIENCE



Senior Specialist, Technical Delivery DKSH

Mar 2019 → Current (2 years, 7 months)

asp.net-core asp.net android entity-framework c c++ c# javascript css jquery angular cryptography
paypal-sandbox paypal-rest-sdk unit-testing ssh openssl

Received Silver award for exceptional performance in implementing DKSH JustPay payment gateway

DKSH is a Swiss Market Expansion Services Group who manufacture healthcare, home and consumer goods products. With a market cap of 3.06B CHF, As a SIX Swiss Exchange listed company, we maintain a vast number of warehouses and complex logistics across Asia and Europe. Headquartered in Zurich, DKSH employs 33,000 employees across Asia Pacific and Europe.

Technologies

ASP.NET Core, Entity FrameworkCore 3.x.x, Microsoft Active Directory, Microsoft Azure, SignalR, JWT, RSA Public Key authentication, OpenXML SDK, MailKit, Web Sockets.

Achievements

- Worked on multiple API projects utilizing ASP.NET Core.
- Successfully delivered projects include ePOD, DKSH GO, ECM, mCollector Revamp and EEC Expense Claims. I was an integral part on handling backend API's and DevOPS. I also helped with few HTML front end tasks whenever i was free of tasks with my skills in HTML5/CSS3 and JS
- Deployed a centralized payment gateway network for DKSH that processes the payment from multiple DKSH apps across the world that requires a payment integration

- Workflow leveraged dependency injected services and repository patterns for a complete separation of concern between each modules in the applications we developed.
- API's with advanced routing mechanism that restructures a rather complicated API Projects into segment area based apps that work with different authentication models.
- Payment gateway integration such as QlicknPay(Malaysia), ABABank(Cambodia), HSBC(HK,SG&VN), Payoo(VN), Bangkok Bank(TH) into JustPay. The integration was loosely coupled and exposed to the consumers, that you can anytime swap a provider with another without breaking any functionalities. We have more integrations down the pipeline as we continue to extend the support.
- Secured payment gateways with RSA based public key authentication.
- Worked with JTokens and Cookie based authentications.
- Reporting templates according to each countries needs utilizing OpenXML SDK with charting functionalities. These templates can be edited and hot-reloaded by any countries and their business units. We have built a library around Quartz.NET that lets each countries decide when to run the jobs according to their timezone.
- Interactive admin dashboard with customizable report exports.



Web & Android Developer

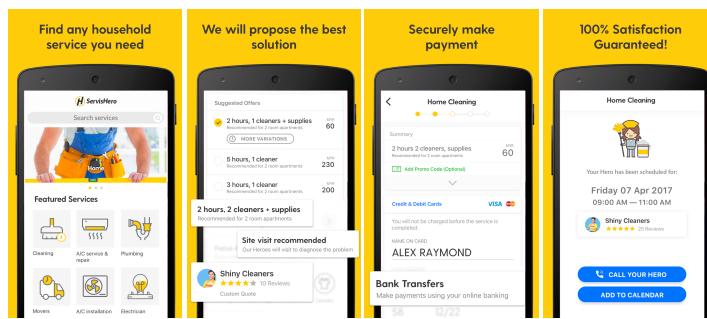
ServisHero

Sep 2016 → Feb 2019 (2 years, 6 months)

android android-studio rx-android dagger-2 asp.net-core c#

ServisHero is on a mission to improve the way local services are discovered and delivered in Southeast Asia. We not only make it easier for customers to find trusted service providers, but also provide our Heroes (service providers) with access to new customers. We are a purpose and data driven company that exists to empower local businesses through technology.

I built and was in charge of maintaining the Android apps (both Consumer and Proapp).



Responsibilities

- Migrated from ionic to native Android alone.
- Write MVP architecture for separation of concerns and testability
- Unit-testing code for robustness, including edge cases, usability, and general reliability
- Added the features such as integrated payment via adyen, realtime chatting, seamless transition from web to mobile app via branch, analytics and heatmaps for product team to make decisions.

Achievements

- Migrated Consumer app and Proapp from Ionic to native Android
- Reached to 100,000+ installs
- Played key role in bringing direct services
- Integrated payment solution from Adyen
- Cash payments



Web and Android Technical Lead Developer

Edenred

May 2012 → Aug 2016 (4 years, 4 months)

asp.net asp.net-mvc javascript css3 asp.net-web-api angularjs entity-framework

Edenred Malaysia is specialized in end-to-end close-loop payment and loyalty solutions and major clients include Petron, Petronas, AirAsia Shell, Virgin Megastore etc.

I work as the technical lead working on the Web and Mobile app solutions.

Responsibilities

- Write well designed, dynamic plug and play driven, testable, efficient and reusable code by using best software development practices and the internal frameworks we developed.
- Integrate data from various back-end services (REST and SOAP).
- Work closely with the testing team to identify any technical problems during UAT.

Achievements

- Successfully delivered 3 FleetOps platforms with a relatively small team to the clients clients, Petron Malaysia, Petron Philippines, Petronas Malaysia in 3 years.
- Developed the Consumer FleetOps App natively on Android.

- We were so good that our deliverables attracted AirAsia, the leading Airliner in Malaysia in fleet size and destinations. The development has already completed, and currently in the UAT phase.
- Developed FleetOps V3.0 using dynamic plug and play components and pushed the patch to all 3 clients. Now they can configure their own contents, and create new contents by using the visual designer.

EDUCATION



BSc(Hons) IT Intelligent Systems Asia Pacific University College of Technology and Innovation

Oct 2010 → Apr 2011

I created a lie detection system with BackPropagation Neural Net. Underlying toolset was sendorDAQ and LabVIEW from National Instruments(NI)

OPEN SOURCE



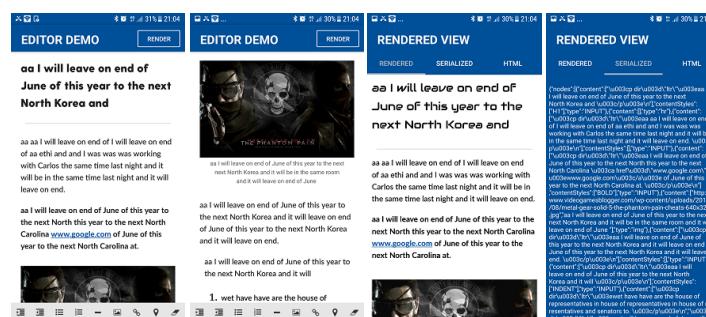
Android WYSIWYG Editor

May 2016 → Current (5 years, 4 months) 272 commits / 80,111 ++ / 73,662 -- • Last commit on Jul 30, 19

android

A text editor written in Android using native components in the content tree. Integrate easily to work with web based WYSIWYG's.

Below are some screenshots of the sample app from the project.



APPS & SOFTWARE (6)

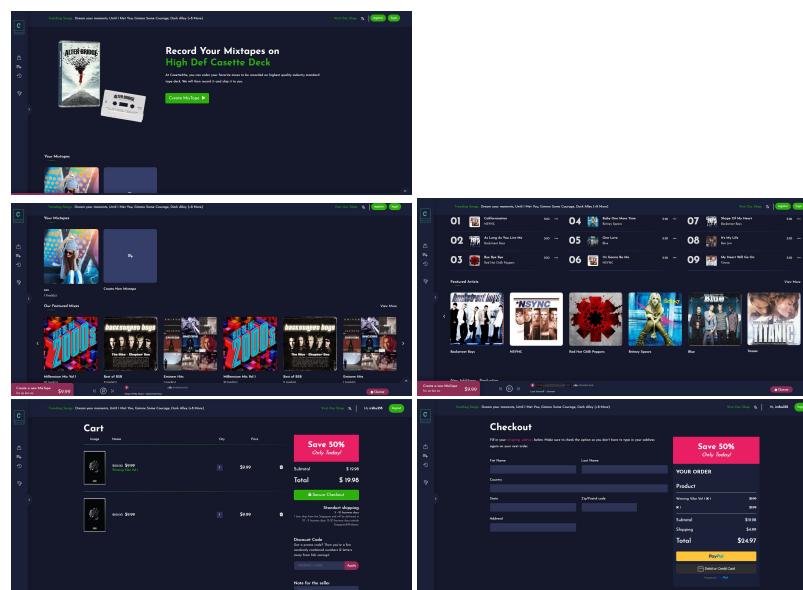


CasetteMix

Feb 2021

asp.net-core c# angular jquery

casettemix.com is a website where users can create Mixtapes and order it on Cassettes by making payment via the integrated Paypal gateway. I have some great playlists in the website, be sure to checkout, it's casettemix.com



rottmayar

Dec 2019

asp.net-core asp.net fix-protocol quickfix

rottmayar provide a holding account to our users to stash their extra cash to control unnecessary spending. They can manage payments, schedule one-off/recurring payments and download monthly invoice to track their float.

I created rottmayar because I had difficulty controlling spending extra cash at hand that I had to defer for overseas transfer span across next few months. rottmayar helps to track the account balance and control your excess spending.

You can create scheduled transactions as one-off/recurring. I'm also adding the margin account option as next stage for users who can actually borrow cash and invest in US stocks. Unlike other investing apps, rottmayar lets you control what stocks to own.

This product however won't be going live for public, due to excess regulations aused by Securities Commission Malaysia.

 WoIF | Web
Sep 2017

The web client for Woif. Currently the web mainly serves as a catalog to browse our curation of workspaces. Visit the website www.thewolf.com

Responsibilities:

- Create low fidelity hand drawn wireframes to design high fidelity mockups using Adobe XD
 - actual web design from the mockups using bootstrap framework and sails.js
 - Host the website for free on firebase hosting
 - Integrate firebase realtime database and firebase notifs

TODO:

Migrate from sails to vue.js

 Woif | Android
Aug 2017

android firebase dagger-2 rx-java rx-android google-app-engine

Woif helps you find the best work-friendly cafe's around your neighborhood. We do in-depth review of each workspaces.

App also has integrations with Uber and Grab, so you can request a ride in-app.

Responsibilities

*Create low fidelity hand drawn wireframes to design high fidelity mockups using Adobe XD

- Translate the wireframes into high quality code

- Integrate with firebase platform for realtime updatons and retention.
- use MVP architecture and custom views for component based and DI based testability codes
- Ensure the best possible performance, quality, and responsiveness of the application
- Add new features for even better usability

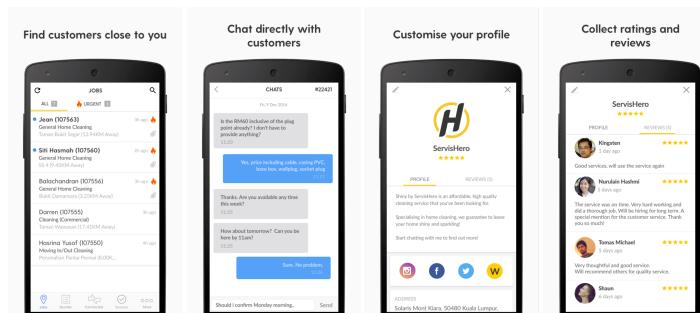


Pro App by ServisHero

Oct 2016

android rx-android

ServisHero, South East Asia's #1 Local Services App, is the best way for you to connect with thousands of new customers and grow your business.



The process is simple. Consumers tell us what they need, and we send you their requests (for free). The ServisHero Pro App allows you to view what consumers are looking for and only respond if it looks like a fit.

STACK EXCHANGE

Community Name	Reputation
Stack Overflow	7,514
Android Enthusiasts	101

PUBLIC ARTIFACTS



Getting started with Android for ASP.NET Developers — Medium — Medium

Feb 2018

Starting off with a new development platform such as Android can be hard, often there is a steep learning curve involved...

READINGS

JavaScript: The Good Parts

Douglas Crockford

The Fix Guide: Implementing The Fix Protocol

Xlibris

The FIX Guide was developed for professionals in the fixed income market to understand how to implement a system utilizing the FIX protocol. Written for business and product managers, the Guide is a high level view of the resources and skills necessary to exploit the preeminent global standard for the electronic trading of fixed income. Highlights include choosing FIX engines, network choices, testing, the rules of engagement and the FIX process for fixed income. As more trading partners and platforms develop FIX messaging capabilities, firms are looking for an understanding of the most efficient way to implement FIX.

Principles for success

Ray Dalio

Rather short, but Ray is a figure I closely follow on LinkedIn and Twitter. Being an American billionaire hedge fund manager and philanthropist, Ray always shares his wisdoms of success and struggles navigating through his struggling hedge fund has been quite an inspiration for me.

Programming ASP.NET Core, Programming ASP.NET Core

Dino Esposito

TOOLS

First computer Hp Compaq Presario V3700

Favorite editor Visual Studio Code

OTHERS



Successfully launched WOIF on Web

app launch

Sep 2017

sails.js google-app-engine twitter-bootstrap firebase jquery vue.js

WOIF is not yet on iOS. So i needed a way for people to be able to browse our catalogue. After few weeks of free time crunching, i managed to get the web application out



Beuno Dylon

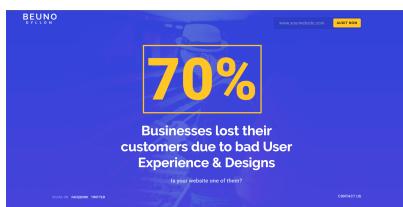
Website launch

Jun 2017

vue.js firebase android greensock scrollmagic

Beuno Dylon is a freelance solution from me when i fall short of funds. I analyze the websites of businesses and find how their design and architecture affects business. I then provide them with a solution and attempts to obtain a contract.

What you see on the website was 100% designed and developed by myself.



Tech Stack:

- Vue.js
- Firebase
- CSS3/ HTML5
- Scrollmagic supported by Greensock for animations

I plan to compete for Malaysia Website Awards 2018 organized by Exabytes by adding more visual elements into this website.



scored 160+ stars on GitHub project

accomplishment

May 2016

java android

Scored 160+ stars for a **Native Text Editor** I authored for android. Its undoubtedly one of the most used native editor used on Android by developers around the world. Hosted in **GitHub**, <https://github.com/irshulX/Android-WYSIWYG-Editor>



Top 6% contributor on stackoverflow.com

milestone

Jan 2012

java android asp.net javascript git

Maintained top contributor spot for the year 2018