



SWE420

Internship at KAZ Software

10 August 2023

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Software Engineering,
IICT, SUST

The logo for KAZ Software, featuring the letters 'KAZ' in a bold, dark blue font with a yellow swoosh underline.

About KAZ Software

A custom software company in Bangladesh started as a start-up software outsourcing company in 2004

- Location: 35/5, Shantinagar, Dhaka-1217
- 19 years since establishment
- Served more than 100 companies
- Completed more than 150 projects
- More than 110 employees working currently
- Friendly and fun environment
- Paid vacations (17 Days/year)
- Optional Work from Home

Internship Activities

- Learning Phase
- Worked on Production

Learning Phase

- Learned about the Micro-Frontend (Single-SPA)
- Redux Toolkit
- React JS
- Some Webpack Rules
- Developed 4 demo Single-SPA Apps and configure their communication channel

Production work

Mostly worked on total 5 projects,

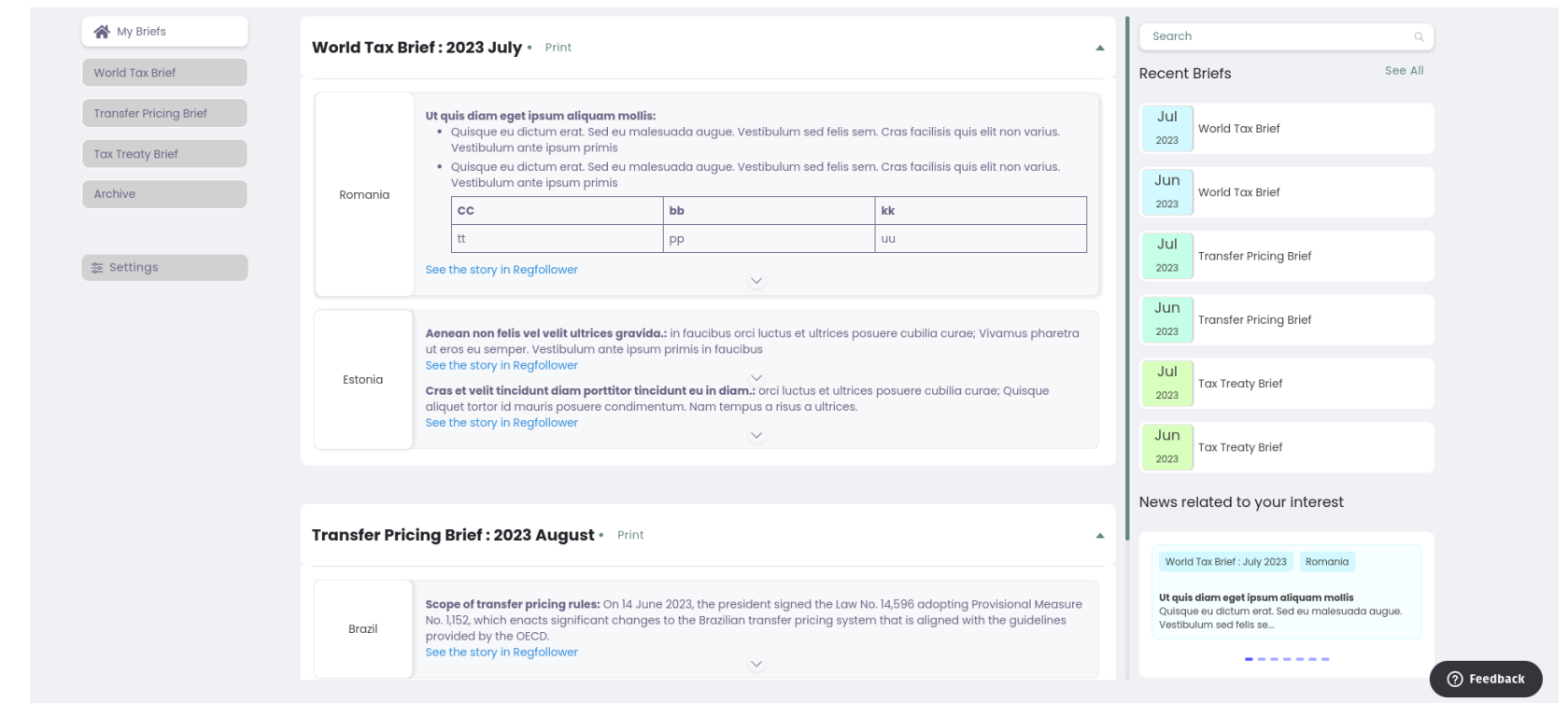
- RegBrief
- NestPublisher
- Regplus(WTA & TPA)
- BEPS Mapper
- Google Chrome Extension

Completed Small Tasks on ,

- RegAuth
- RegContainer

RegBrief

- RegBrief is a service of Regplus, a tax-related product of Kaz Software.
- RegBrief shows the latest tax related information according to the user's choice .
- RegBrief contents are regularly updated by Kaz Research Team.



RegBrief UI

My Briefs

World Tax Brief

Transfer Pricing Brief

Tax Treaty Brief

Archive

Settings

World Tax Brief : 2023 July • Print

Romania

Ut quis diam eget ipsum aliquam mollis:

- Quisque eu dictum erat. Sed eu malesuada augue. Vestibulum sed felis sem. Cras facilisis quis elit non varius. Vestibulum ante ipsum primis
- Quisque eu dictum erat. Sed eu malesuada augue. Vestibulum sed felis sem. Cras facilisis quis elit non varius. Vestibulum ante ipsum primis

cc	bb	kk
tt	pp	uu

See the story in Regfollower

Estonia

Aenean non felis vel velit ultrices gravida.: in faucibus orci luctus et ultrices posuere cubilia curae; Vivamus pharetra ut eros eu semper. Vestibulum ante ipsum primis in faucibus

See the story in Regfollower

Cras et velit tincidunt diam porttitor tincidunt eu in diam.: orci luctus et ultrices posuere cubilia curae; Quisque aliquet tortor id mauris posuere condimentum. Nam tempus a risus a ultrices.

See the story in Regfollower

Transfer Pricing Brief : 2023 August • Print

Brazil

Scope of transfer pricing rules: On 14 June 2023, the president signed the Law No. 14,596 adopting Provisional Measure No. 1,152, which enacts significant changes to the Brazilian transfer pricing system that is aligned with the guidelines provided by the OECD.

See the story in Regfollower

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World Tax Brief

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Transfer Pricing Brief

Jun 2023

Transfer Pricing Brief

Jul 2023

Tax Treaty Brief

Jun 2023

Tax Treaty Brief

News related to your interest

World Tax Brief : July 2023

Romania

Ut quis diam eget ipsum aliquam mollis

Quisque eu dictum erat. Sed eu malesuada augue. Vestibulum sed felis se...

Feedback

RegBrief

Technologies

- React JS
- Redux, Redux Toolkit, Redux Thunk
- Rsuite
- Bootstrap
- Single-SPA
- Typescript
- Webpack
- SCSS

RegBrief

My Contribution

- Solved 30+ Bugs
- Search Bar implemented
- Country Search implementation
- Interest news Box
- Mentored the Junior Interns
- Fixed Design Issues
- Customization modal
- Authorization Checking & Auth Modal
- User Preference Synchronization
- Codebase Merging

BEPS Mapper

- Beps Mapper is a Single-SPA parcel Module for Regplus Project
- Its a Data Mapper for WTA and TPA service

BEPS Mapper UI

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BEPS

Analyzer

Projects

World Tax

Transfer Pricing

RegBriefing

3 Country Selected

BEPS 2.0

☐ Pillar One: Profit allocation and nexus

☒ Pillar Two: Global minimum taxation

BEPS 1.0

+ Action 1: Tax Challenges Arising from Digitalisation

-

Action 2: Neutralising the effects of hybrid mismatch arrangements

Transfer Pricing Analyzer

☒ Financial transactions-Special rules for hybrid instruments or entities

World Tax Analyzer

☒ Groups-Intra group asset transfers

+ Action 3: Controlled Foreign Company

+ Action 4: Limitation on Interest Deductions

+ Action 5: Harmful tax practices

BEPS Mapper

Export: PDF Excel Print

Hong Kong Malaysia Pakistan

Beps 2.0

Pillars	Hong Kong	Malaysia	Pakistan
Pillar Two: Global minimum taxation	Hong Kong has implemented the Pillar two Proposals.	Malaysia has implemented the Pillar two Proposals.	Pakistan has implemented the Pillar two Proposals.

Beps 1.0

Category	Hong Kong	Malaysia	Pakistan
Action 2: Neutralising the effects of hybrid mismatch arrangements			
Groups			
• Intra group asset transfers	There is no group treatment in relation to asset transfers.	Intra group asset transfers not applicable.	For purposes of determining the tax on capital gains, the market value of a capital asset transferred between related companies is deemed to be the consideration received for the transfer.
Financial transactions			
• Special rules for hybrid instruments or entities	Hong Kong has a Departmental Interpretation and Practice Note (DIPN) ("Taxation of Financial Instruments & Taxation of Foreign Exchange Differences") that addresses the tax treatment of hybrid instruments. On 26 May 2016 legislation was passed to clarify that the tax treatment of certain hybrid instruments would follow the tax treatment of debt. Commentary	There are currently no special tax rules for hybrid instruments or entities. Commentary	No legislation exists regarding rules for hybrid instruments or entities as per the BEPS action plan. Commentary

Feedback

KAZ

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BEPS Mapper

Technologies

- React JS
- Redux, Redux Toolkit, Redux Thunk
- Rsuite
- Bootstrap
- Single-SPA
- Typescript
- Webpack
- SCSS

BEPS Mapper

My Contribution

- Converting BEPS component in Single SPA Parcel Module
- Implement BEPS Mapper 2.0
- BEPS Mapper Modal Issue Fixing
- Table Design fixing of BEPS Mapper
- Solved the 25+ Bugs
- Tested the product

NestPublisher

- Nest publisher is one of the sub-projects of RegPlus Project.
- User will publish and create different types of tax-related information.

NestPublisher UI

Country Publisher

Treaty Publisher

WTR Publisher

Domestic Rate

Corporate Rate Publisher

Interest And Penalty

Relief Method

Action Publisher

Pillar Add

Pillar Country Data Map

TPA Action Category

WTA Action Category

Argentina

Save

Pillar One: Profit allocation and nexus

☒ Is Calculated/Modelled?

☒ Is Status?

Remarks

Argentina has implemented the Pillar One proposals.

Pillar Two: Global minimum taxation

☒ Is Calculated/Modelled?

☐ Is Status?

Remarks

Argentina has implemented the Pillar Two proposals.

NestPublisher

My Contribution

- Mentored the Junior Interns
- Action Publisher Page full workflow
- Pillar Country Data Map Page full workflow & data population
- TPA Action Category Page workflow
- WTA Action Category Page full workflow
- RegBrief Publisher page full workflow
- Refactor & Bug Fixing
- Codebase Merge .

Regplus (WTA & TPA)

- World Tax Analyzer(WTA), Transfer Pricing Analyzer(TPA) are the two more service of Regplus

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Regplus (TPA UI)

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Recent News

[Canada enacts federal budget bill 2022](#)
June 29, 2022
On 23 June 2022, Canada's Budget Implementation Act 2022, No. 1, Bill C-19 which includes several tax measures received Royal Assent. Bill C-19 implements tax measures announced in the 2022 and 2021 federal budgets, as well as various other measures, all of which were included in a detailed notice of ways and means motion tabled [...]

[Pakistan presents the Budget for 2022/23](#)
June 22, 2022
On 10 June 2022, the Finance Minister presented the Budget for 2022/23 to the National Parliament. The budget includes the following proposals: The corporate tax rate for banks will be increased from 35% to 45% for tax year 2023 onwards; the current super tax of 4% on banks will no longer apply the after-tax year [...]

[Malaysia: MoF announces principal hub incentive scheme 2022](#)
May 31, 2022
On 24 May 2022, the Finance Ministry of Malaysia has issued the Income Tax (The Principal Hub Incentive Scheme) Rules 2022. The rules may be cited as the Income Tax (The Principal Hub Incentive Scheme) Rules 2022. These Rules shall apply to a qualifying company which applies in writing for the Principal Hub Incentive Scheme [...]

My Projects

- [New Regulation data](#)
- [AusHonk](#)
- [AnalyzerTest](#)
- [AusProj](#)
- [Test Questionnaire](#)

My TPA Research

- [Hong Kong_Regulation_DIPON 39](#)
- [Australia_Regulation_Sec. 225 of ITAA 1936](#)
- [Australia_Regulation_TR 1999/1](#)

Tutorial Videos

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Monthly Briefs

Extension of due dates amid COVID-19 pandemic

Country	Compliance Issue	Due date	Extended	Related News
Bulgaria	CIT Return	31-Mar-21	30-Jun-21	See More
Japan	CIT payment	Between 1 February 2020, and 1 February 2021	one year	See More
Oman	CbC Notification	31-Dec-20	30-Apr-21	See More
Philippines	Related party transaction Form	30-Sep-20	29-Dec-20 31-Jan-21 1-Mar-21 31-Mar-21 30-Apr-21	See More
	Transfer pricing documentation	within 30 days of being requested	another 30 days for meritorious reasons	See More
Sri Lanka	Master file and CbC reporting requirements	2019/2020	2020/2021	See More

Waiting for regplusapigateway.kaz.com.bd...

Regplus (WTA UI)

InformationNewsFormsRegulationsTreatiesCalculatorsToolsBEPSProjects

World TaxTransfer PricingRegBriefing

Asia PacificAmericasEuropeMEA

☐ Australia☐ Azerbaijan☒ Bangladesh☐ China☐ Hong Kong☐ India☐ Indonesia☐ Japan☐ Kazakhstan☐ Korea, Rep Of☐ Malaysia☐ Mongolia☐ New Zealand

Check All

Depth - 1234

☒ Liability to Tax

☒ Residence

☒ Residence rules

☒ Incorporation

☒ Central management and control

☒ Other rule

☒ Treaty rules for residence

☒ Basis of residence in treaties

☒ Common tie-breaker rule

☒ PE rules

☒ Domestic law

☒ Treaty principles

☒ Taxing jurisdiction

☒ National

Compare with other years

Export: PDFExcelPrint

Category	Bangladesh
Liability to Tax	
• Residence	
• Residence rules	
- Incorporation	A company is a resident in Bangladesh if it is registered or incorporated and has its office in Bangladesh.
- Central management and control	A company is a resident in Bangladesh if the control and management of whose affairs is situated wholly in Bangladesh in that year. Sec. 2(55)(c) of ITO,1984
- Other rule	No other rule applies in domestic law.
• Treaty rules for residence	
• Basis of residence in treaties	The term "resident of a Contracting State" means any person who, under the laws of that State, is liable to tax therein by reason of his domicile, residence, place of head office, place of effective management or any other criterion of a similar nature.
• Common tie-breaker rule	If a person other than an individual is a resident of both Contracting States, then it shall be deemed to be a resident of the State in which its place of effective management is situated.
• PE rules	
• Domestic law	There is the potential that a permanent establishment (PE) could be created as a result of extended business travel, but this would be dependent on the type of services performed and the level of authority the employee has. The concept of PE primarily exists in tax treaties.
• Treaty principles	The tax treaty definition of a permanent establishment generally follows the provisions of Article 5 of the OECD Model.
• Taxing jurisdiction	

Feedback

KAZ

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Regplus (WTA & TPA)

Contribution

- Fixed Design issue
- Unauthorized Modal
- Fixing Type Error
- Blank Page Issue
- Table Breaking issue after navigating
- Minor Styling issues
- Authentication Issues in front-end

Chrome Extension

- user will create order from any website's product
- select product of the web and order
- get current tab's url

Chrome Extension UI

Rendered

Welcome to **Rendered**.ar

Sign in

[Forget Password?](#)

Login

Dont have an account ? [Register Now](#)

Rendered

DashboardLogout

Standard Ou

Anim esse officia do do od oo pariatur laboris sit

Culpa voluptate fugiat in proident aute.

Select additional outputs

Product Render

Non cupidatat mollit proident officia reprehenderit nulla qui.

360 Degree

Non cupidatat mollit proident officia reprehenderit nulla qui.

SKU Number

Create Order

Rendered

YAY!

Your Order has been successfully created.

Thanks for your Order.

You will receive a quote within the next 12 hours

New Order

Select a new product page to start new order

Go to My Dashboard

Ad in proident ullamco nostrud cupidatat Lorem consectetur.

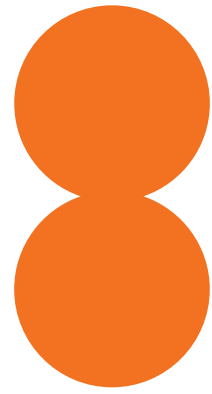
Hello Ahmed

demo@demo.com

Chrome Extension

My Contribution

- Implement the given design from design team with SCSS
- Integrate the extension with Custom API
- Fixed the 15+ bugs
- Test the builded file for chrome extension



THANK YOU.

Any Questions?