

M Rio K

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[github: github.com/feurstern](https://github.com/feurstern) | WhatsApp/Phone: 6281511143912/ telegram : @horstwesselliede
[game developer](#) | [linguaphile](#) |

Education

B.S Computer Science Graduated on March, 2021
IPK: 3.18

Skills & Interest

Programming : HTML, CSS, Javascript(Intermediate), PHP(intermediate)
C++ for game development(Intermediate), C# for game development
(Intermediate), Python(Beginner), R(beginner)
MySQL(Intermediate), GDScript

Technologies : Unity(Intermediate), Photoshop(Intermediate),
Illustrator(Intermediate), Premier(Intermediate), React
Native(intermediate), React JS/NextJS(Intermediate), CI-
3(Intermediate), Bootstrap(Intermediate), Tailwind(Intermediate),
NodeJs(Intermediate), GIT.

Languages : English, Japanese

Training/Certifications

Exploration and Analysis Data Covid-19 Indonesia August 2021
Credit : <https://academy.dqlab.id/certificate/pdf/DQLABACWP1LMIFJB/NONTRACK>

Data Science Project : Analysis Data Covid-19 in World & Asean September 2021
Credit : <https://academy.dqlab.id/certificate/pdf/DQLABINTP1TOTLEO/NONTRACK>

2D Animation for Education Game November 2021
<https://github.com/feurstern/Certificates-2/blob/main/KKSI%202D.pdf>

TOEFL April 2022
<https://github.com/feurstern/Certificates-2/blob/main/TOEF-Certificate.pdf>

Digitalent Koinfo ReactJS For Web Development August 2022
Credit : <https://bucket.cloud.lintasarta.co.id:8082/dts-sertifikat/sertifikat-pdf/9ad05a06-f77c-438c-b587-46df75ad8342.pdf>

Software Quality Assurance November 2023
<https://github.com/feurstern/Certificates-2/blob/main/sqa-cert.pdf>

Project Machine Learning for Retail with R: Product Packaging March 2024
https://academy.dqlab.id/Certificate_check/result/DQLABPRJCTRUFNGT#mycertificate

Project Analisa Klasifikasi Pinjaman untuk Sektor UMKM March 2024
https://academy.dqlab.id/Certificate_check/result/DQLABPRAN2EBCJWD#mycertificate

Machine Learning for Data Scientist (R Programming) PROAKOMINFO April 2024 March 2024
<https://github.com/feurstern/Certificates-2/blob/main/dts-machine-learning.pdf>

Organization

Curriculum Division

*Gerakan Suka Baca, Depok
start from July 2022 – Present*

I've been volunteered for non-profit organization as a Curriculum Division in Gerakan Suka Baca. My duty being curriculum division is teaching for English subject, managing the class, and giving the feedback and evaluate the student's development. I teach for Advance English level with the standard curriculum of Cambridge.

Credit:

<https://github.com/feurstern/coderslang/blob/main/certiicates/JAM-SOSIAL.pdf>

<https://github.com/feurstern/coderslang/blob/main/certiicates/GSB.pdf>

English + Math Teacher

*International Humanity Foundation , Jakarta
start from Jan 2023 – March 2023*

I was joined the volunteer activity in Jakarta which has based on education field, and I took a role as an English teacher for Primary student and Secondary student. I taught general English, and my main focus in teaching is just want to ensure that student able to demonstrate the fundamental of English which can be helpful for daily basis.

Working Experience

Teacher

SMK Mandiri Bekasi
start from Nov
2019 – Jun 2022

I teach produktif Teknik Grafika(Graphic Design) and Computer's subject in vocational school. My former task is to ensure the student progress about how to create a proper design(teknik grafika), and delivering the message clearly according to design's principle.

IT Support

SMK Mandiri Bekasi

Beside being a teacher, I also become IT support especially for WebApp development to support the learning, computer maintenace such as assembling the part of computer, troubleshooting and installing OS.

Coach

Alexandria Islamic School
start from 2021 – May 2021

I teach Digital Marketing Extracurricular such as how to create flyer, blog, mailchimp, and copywriting for JHS and SHS. This class is focus how to expand the potential market based on the customer segmentation, and the customer preferences.

Robotic Teacher

SMPIA Al Azhar 44 Grand Wisata
start from 2021 – Jun 2022

I teach how to make prototype using Arduino and C++ . The main of this class is about the basics of working with an Arduino: writing and uploading programs, building simple circuits, and interfacing the device.

Prakarya Teacher(Programming Teacher)

SMP Tarakanita 4
start from 2021 – Jun 2022

I teach Frontend stack such as HTML, CSS and JavaScript for Secondary student, and we focus in creating static website. In this class I am quite fond of explaining about the design principle about how to create the proper layout for the content of the website(prototyping), and then implemennt to the code.

ICT Teacher & IT Support

Bina Talenta Graha
start from July 2022 – January 2023

I teach ICT(Edumedia) for Primary(P1 – P6) and Secondary students. I was being assigned to teach ICT, and the given curriculum from Edumedia. Edumedia is kind of method that you can use in order to help delivering the material in such a fun and interesting by using certain media instead only use computer such as the card, the robot, the game board. Beside being teacher, I also being assigned as an IT support, my job include installing software/hardware, conducting the monthly maintenance, troubleshooting any hardware that related with computer.

Part Time Private Programming Tutor

Timedoor Academy
start from February 2023 – Present

I take part time job as a private tutor. I teach about the fundamental programming language, intermediate level for game development and web development for international students.

Teaching demo :

- <https://youtu.be/VyKbYmYwuAU>

- <https://youtu.be/5vA36rabKyA>

Fullstack Developer

PT. Rajawali Konsulindo
start from April 2023 – Present

As a developer, my responsible is developing and maintaining the system, ensuring its functionality, usability, and overall performance. I am using ReactJS, NextJS, NodeJS, and tailwind. Beside that sometimes I also help to develop and doing some changes to the existing website such as ourtoga.com and rjcons.com in frontend side and sometimes I learn how to implement the logic for backend side using PHP(CI-3), and help troubleshoot when it comes to the user matter by checking the database or trace the code. I am really excited to learn more and grow when I am working as a software developer.

During working as software developer in this company, I also take a good opportunity in learning finance like finance which deals with analyzing the financial aspect of a company, project or investment, and I have decent knowledge in finance.

Flagship Projects _____

Hinterweltdern for My Final Paper

Languages : C#

Technologies: Unity, Photoshop, Premier, VROID, Firebase, Invector 3rd, Text Mesh-Pro Gizmoz

Demo : <https://youtu.be/zAnYX9X5ncY>
<https://youtu.be/3TsHv6ZQolY>

Objective : You are going to play as Ria, help her to beat the foe, and find the missing hinterweltdern for the sake of humankind!

Synopsis :

“ Ria is a beautiful pale-skinned teenage high school girl with long dark purple hair, a delicate face, a thin build, average-sized breasts, curved hips. She is a mischievous and spoiled girl who is considered as a special child prodigy due to her IQ which is higher than average person, who is also regarded as the star of the school and have a good physical strenght to cover her from the exact circumstances. Being fairly cheerful and taunting, Ria's methods of classroom terrorism are the following: She likes to ask her teachers extremely difficult questions, knowing that they're not able to answer correctly. She does this because she likes making them look foolish in front of the class.

So in the day dragged on, the clouds turns into a dark with the red mist by a sudden. Is this the end of the world? Or it's just the only imagination for being madness – Ria's thought. For now only strenght and knowledge to against the horde of darkness that threaten every people in these lands. She march to turn the tables of these terrible and she even dare even one of them to test her intelligence and strength in single combat.

“



Hintelweltdern is 3D game based desktop platform considered as hybird who mixing up certain of genres to support and improve the old curriucullum of Perwajahan's subject with interesting story and interactive learning environment. This game is pervidly different from another education game that ever exist.

Visual Novel - KCSI 2020(Kamp Kreatif SMK Indonesia)

Languages : C#

Technologies: Unity, Photoshop, VROID, Naninovel

Demo : <https://youtu.be/P5wmlhGk6ws>

Objective : As players guide Cia through her daily routines and interactions, they'll witness her internal struggles and triumphs as she gradually opens up to the possibilities of her new surroundings. From quiet moments of introspection to heart-pounding encounters with classmates, each decision made by the player will shape Cia's journey and determine the course of her relationships.

Synopsis :

"I am Alexandria, the third child of three siblings, and I am used to be called as Cia. I love to spend my spare time for reading history, dancing, and go on hiking. For me the world is so exquisite, and I have to find the reason why do I have born as me? Does God give me a chance to life just for nothing. I was born and raised in the small rural. But when I was reached to 15 years old, my family had to move to another place due to find the lebensraum. I got no choice for that.

munc

You know when it comes to living in the new municipal, in conclusion I have to adapt with the current circumstances which is for me it's just like opening a new blank page for me, and I have to start from zero.

I spend my most time at the school and I want you to help me to conquest a reserved and introverted teenager who finds herself uprooted from her familiar surroundings and thrust into a new school environment. Struggling to adapt to this sudden change, Emily must navigate the challenges of forging new friendships, facing social anxieties, and discovering her place in an unfamiliar world.



Collaborated with my student, we created Visual Novel game for education purpose which player is able to decide the fate of the main character by selecting the option. If you were choose "A" then you will get consequence as "A" as the result.

Fuhrer in Juche

Languages : C#

Technologies : Unity, Photoshop

Live Demo : <https://bit.ly/fuhrer-in-juche>

Objective : Nazism + Juche are the best ideology combination in order to become a excel and rule this fuck*ng world. You are playing as a Furher who is going to rule Korea, make the right deciosion to boost the economic growth, or your reign is going to be overthrow by the rebbels!

Sypnosis :

“

Oh crap what should I have to born in this vile world just to be suffered? Well, this time for show off that I can make some changes to my fate, just had enough to stay fool and being such an ignorant.

The long-held dream of Korea reuniifcation was finally realized in 2050, the inauguration of the new president of the unified Korea was held in a festive atmosphere on February 25th, 2050. In the inauguration speech, president [player name] vowed to trannform Korea into an economy powerhouse through sustainable development ..

I want to rule the world, let’s start by making simple action or thing started from this country, and we have to be excel, we have to be independence in politics, we have to build the powerfull military, being self-sufficiency in economy, and become above everything in the world like Nazi Germany the second stanza ‘uber alles in der Weltt’.

“



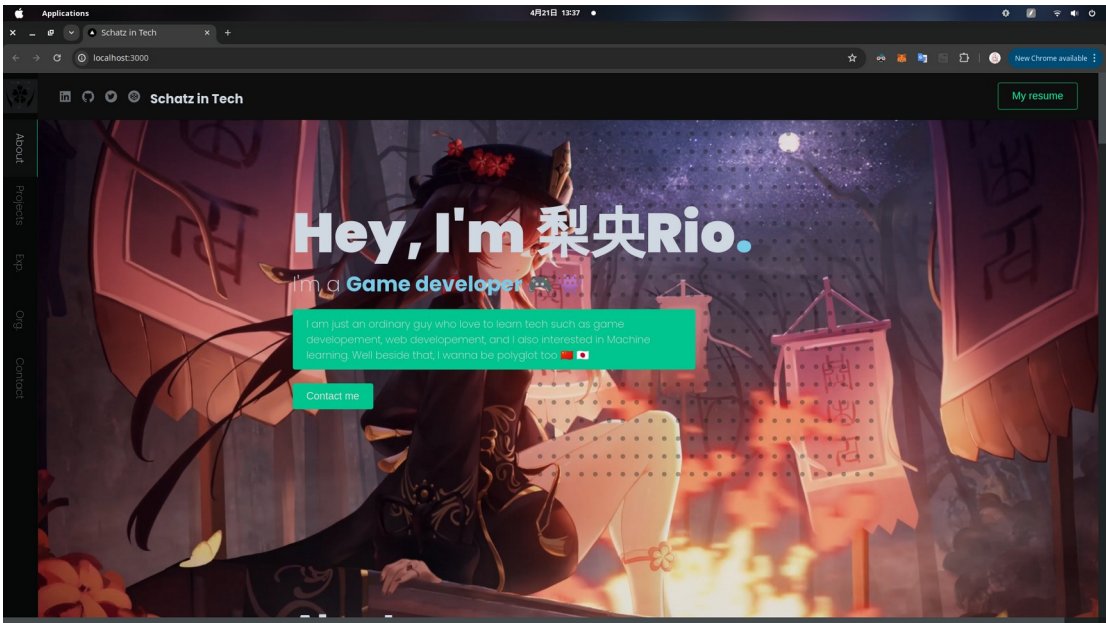
Fuhrer in Juche is simulation game that player will take a role as a fuher who is able to set the rules, set the tax, and build infrastructure like bridge in order to get more GDP for each region. This game is pretty suitabel for those who wants to try to become a dictator! *Ein volk. Ein reich, ein fuhrer!*

Portfolio Website

Languages : HTML, Sass, Javascript

Technologies : NextJS

Live Demo : <https://feuerstern.vercel.app/>



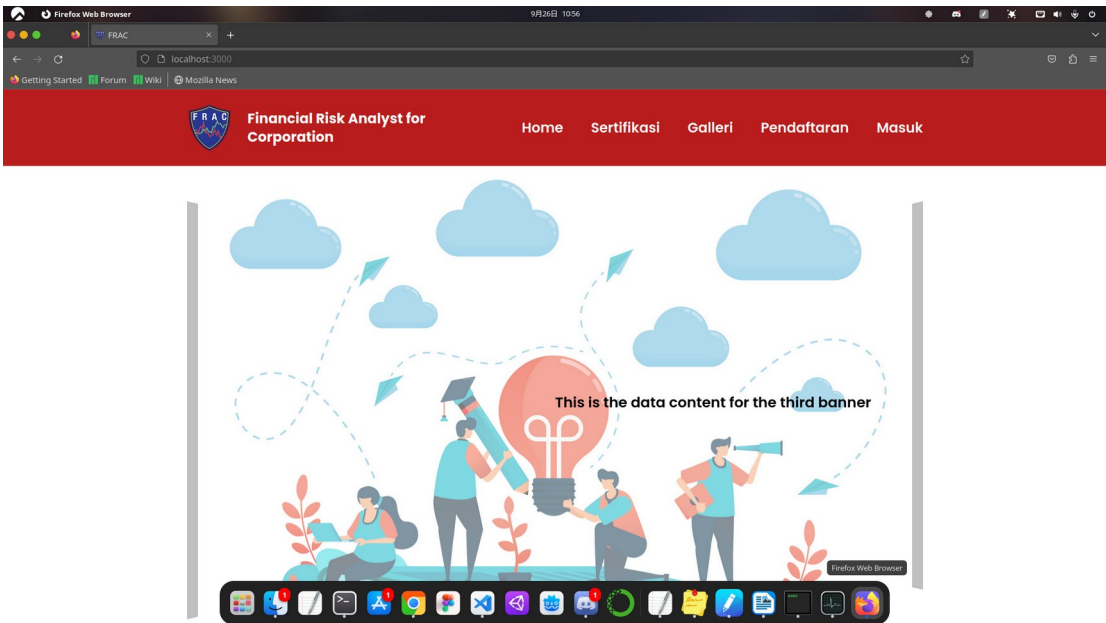
I reckon as a software engineer build an online portfolio website is complosory. This website contains some of my information such as my data, my interest, my work experiences, my certifications, and my project.

Frac Website

Languages : HTML CSS Javascript

Technologies : NextJS, Tailwind, Axios, antd, swiperjs

Live Demo : <https://dev.fracs.id/>



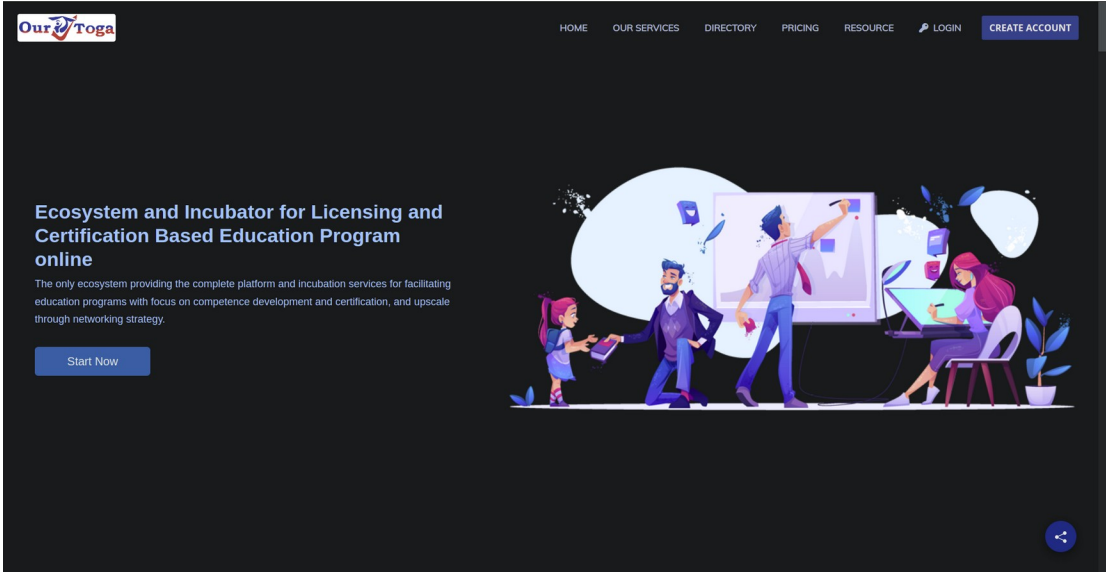
I was being assigned as the PIC of remaking of the website. The previous website was created by using Wordpress and the big shot demands add some features like the visitor can register on that website through the given API for ourtoga’s website.

Ourtoga

Languages : HTML, CSS, Javascript, PHP, MySQL

Technologies : CodeIgniter-3, Bootstrap, Jquery, Alpine JS.

Live Demo : <https://ourtoga.com/>



The primary job are turning the bussines requirements/models into system desgin, developing a new feature, refactor the exisging feature/function, maintaining the system, and conduct the good collaboration with other team member to ensure that system went well. This is certification based program for BNSP, and international.

Computer Based Test for Cross Platform UNIX(Linux/OsX)

Languages : HTML, CSS, Javascript, PHP

Technologies : CodeIgniter-3, Bootstrap, axios, Electron JS.

Live Demo : <https://cbt.ourtoga.com/download>



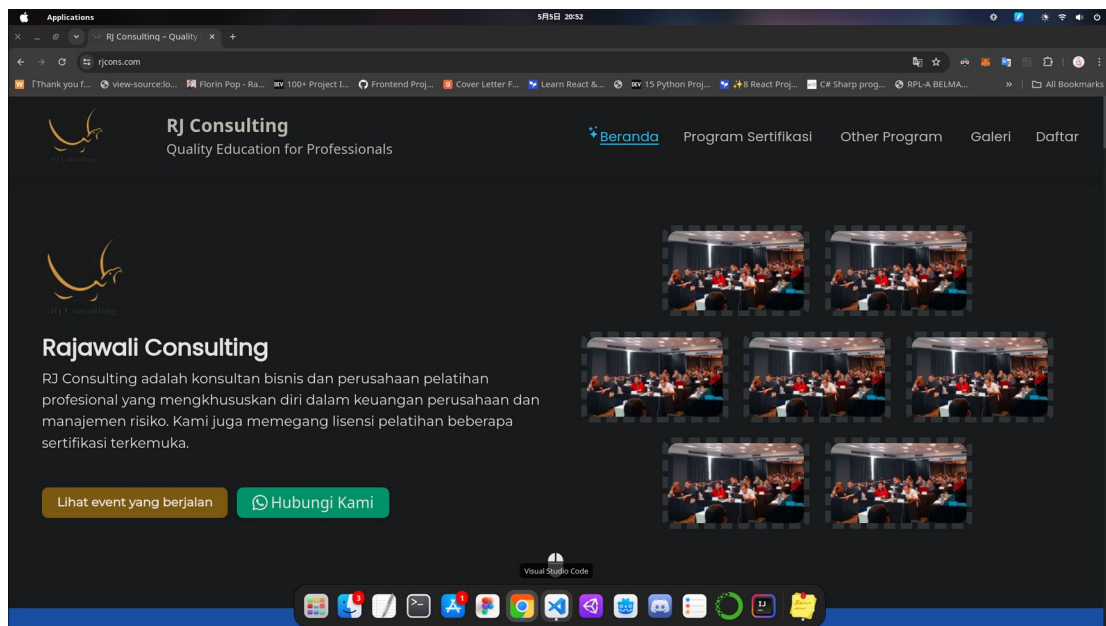
I take initiative to develop the cross platform software for Unix platform from the existing Windows based project. In this project I have to make sure the software is running as expected as accordingly that based on the standard examination which is has some restrictions for the participant during conducting the exam.

Rj Consulting

Languages : HTML, CSS, Javascript, PHP

Technologies : CodeIgniter-3, Bootstrap, JQuery, Alpine JS.

Live Demo : <https://rjcons.com/>



Building, maintaining, and implementing of the new feature for website that contain the information about the training. My main job is to implement the new feature or make any changes based on the business requirement into the code.

Work References

As a Programming Teacher:

Credit : bit.ly/ref-it-tutor

As an English Teacher:

Credit : <https://bit.ly/ref-en-cls>

As a Software Developer :

Credit : <https://bit.ly/ref-work-nsdap>