

Muhammad Rio Kurniawan

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Education

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

Skills & Interest

Programming : HTML, CSS, Javascript(Intermediate)
C++(Intermediate), C# for game development (Intermediate),
Python(Beginner), R(beginner) MySQL(Intermediate), GDScript
Technologies : Unity(Intermediate), Photoshop(Intermediate),
Illustrator(Intermediate), Premier(Intermediate),
React(intermediate), Bootstrap(Intermediate),
Tailwind(Intermediate), NodeJs(beginner), 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 Kominfo 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

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Organization _____

Curriculum Division

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

I've been volunteered for non-profit organization as a Curriculum Division. 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/certificates/JAM-SOSIAL.pdf>

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

English 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

I teach produktif Teknik Grafika and Computer's subject *start from Nov 2019 – Jun 2022*

IT Support

SMK Mandiri Bekasi

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

Coach

Alexandria Islamic School

start from 2021 – dec 2021

I teach Digital Marketing Extracurricular such as how to create flyer, blog, mailchimp, and copywriting for JHS and SHS student by using English as the main language.

Robotic Teacher

SMPIA Al Azhar 44 Grand Wisata

I teach how to make prototype using Arduino

start from 2021 – Jun 2022

Programming Teacher

SMP Tarakanita 4

start from 2021 – Jun 2022

I teach Frontend stack such as HTML, CSS and JavaScript for Secondary student.

ICT Teacher & IT Support

Bina Talenta Graha

start from July 2022 – January 2023

I teach ICT(Edumedia) for Primary and Secondary students by using English as the main language, and being IT Support Tier-1.

Part Time Programming Teacher

Timedoor Academy

start from February 2023 – Present

I take part time job as part time job as programming teacher. I teach about the fundamental programming language, intermediate level like game dev and web dev.

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 _____

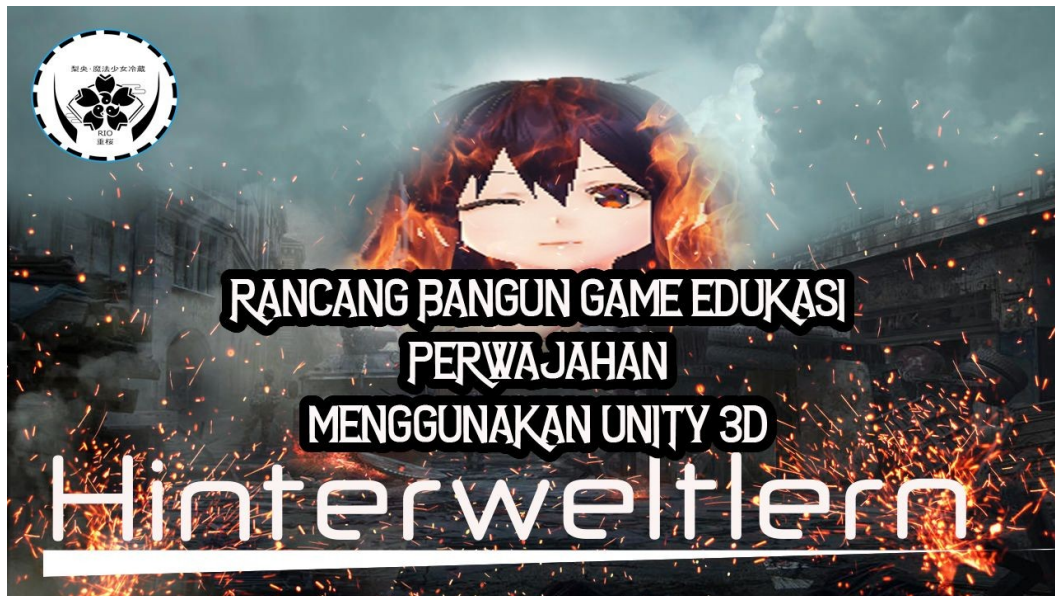
for more detail about the project, please visit my portfolio website.

Hinterweltlern 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>



Hinterweltlern is 3D game based desktop platform considered as hybrid who mixing up certain of genres to support and improve the old curriculum 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>



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.

Korea GDP’s Simulator

Languages : C#

Technologies : Unity, Photoshop

Live Demo : <https://feurstern.github.io/K-GDP/>



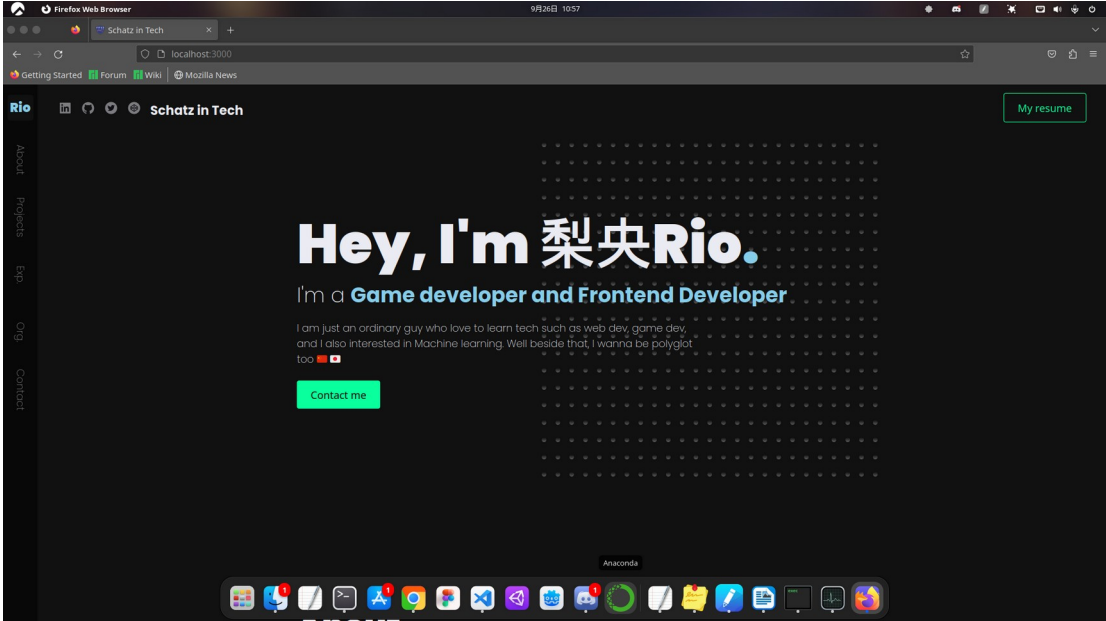
Korean GDP is simulation game that player will take a role as a presis able to earn money, set the tax, plan a plant, and build infrastructure like bridge in order to get more GDP for each region

Portfolio Website

Languages : HTML, Sass, Javascript

Technologies : NextJS

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



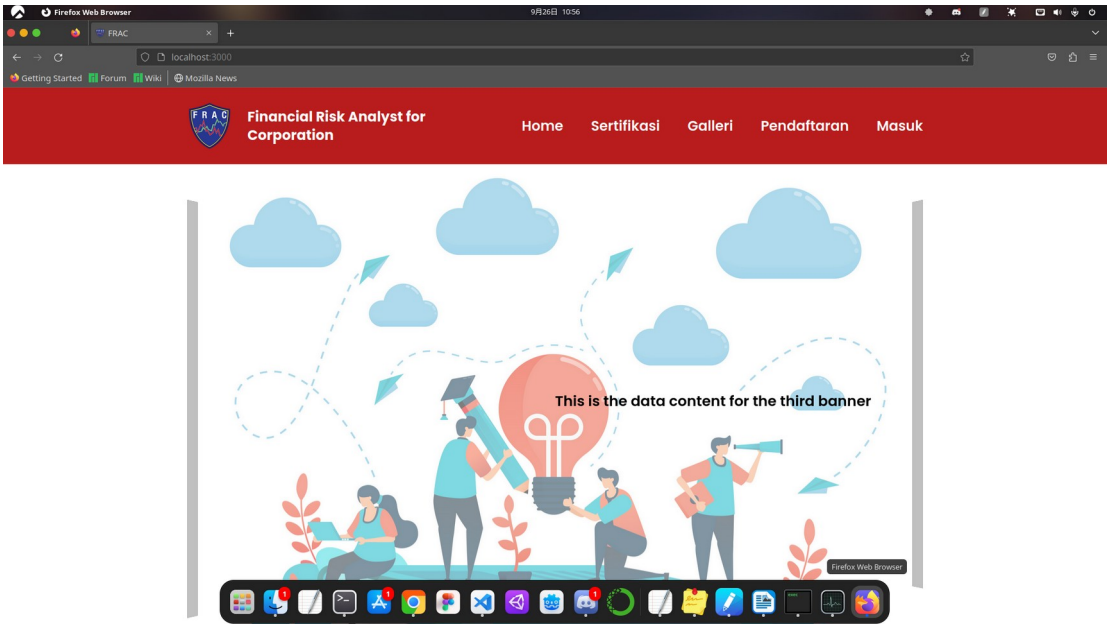
I reckon as a software engineer build an online portfolio website is complosory. This website contains some of my information such as my data, my interest, my work experiences, my certifications, and my project.

Frac Website

Languages : HTML CSS Javascript

Technologies : NextJS, Tailwind, Axios, antd, swiperjs

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



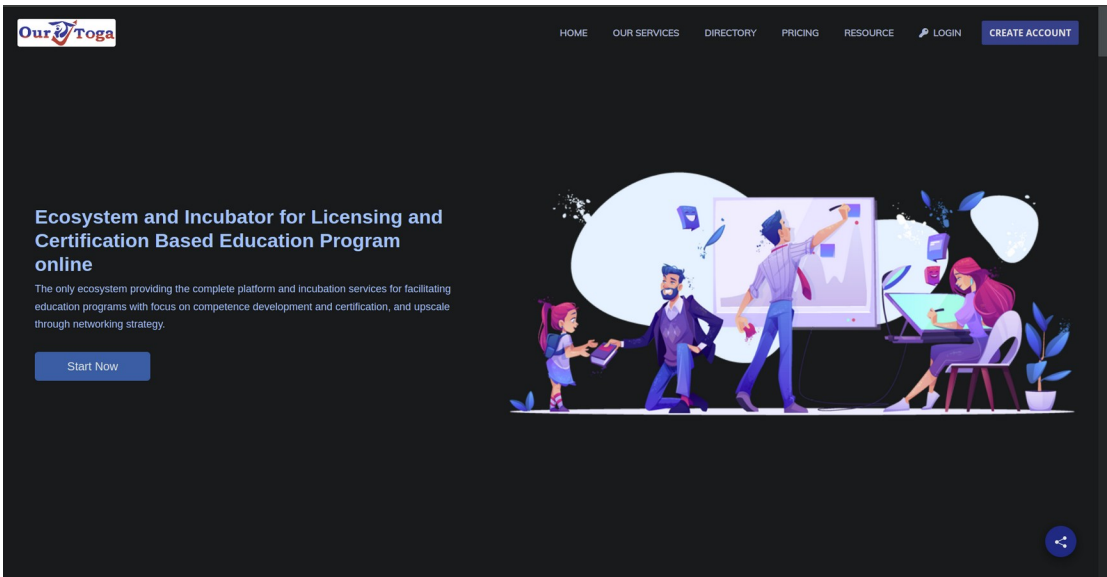
I was being assigned as the PIC of remaking of the website. The previous website was created by using Wordpress and the big shot demands add some features like the visitor can register on that website through the given API for ourtoga’s website.

Ourtoga

Languages : HTML, CSS, Javascript, PHP

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

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



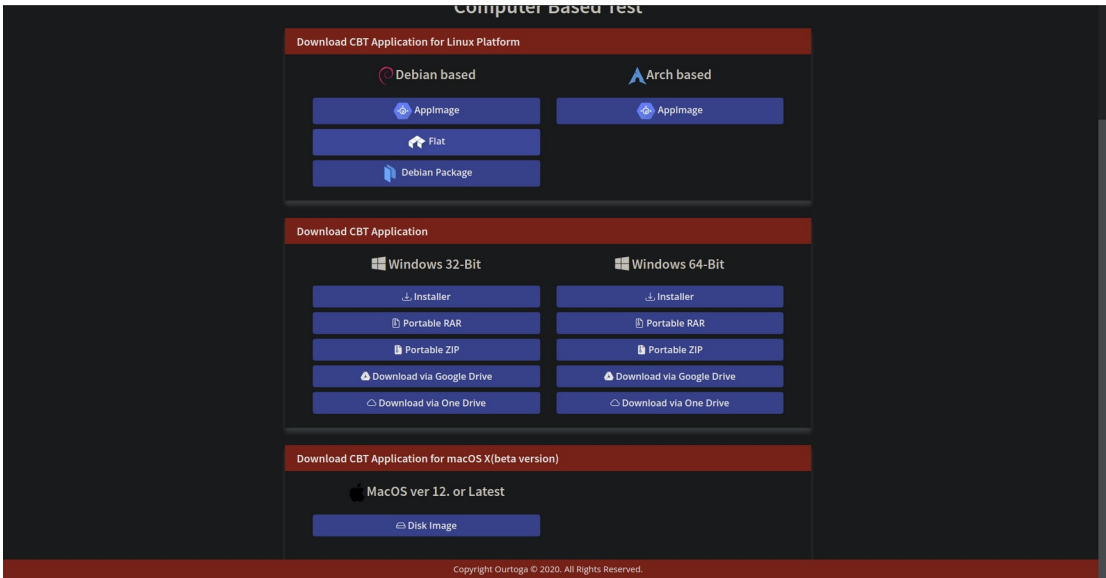
The primary job are turning the bussines requirements/models into system desgin, developing a new feature, refactor the exisging feature/function, maintaining the system, and conduct the good collaboration with other team member to ensure that system went well.

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.