



Dhafin Fawwaz Ikramullah

Software Engineer | Programmer

Informatics from Bandung Institute of Technology

An Indie Game Developer for fun, a particle vfx/shader enthusiast, and a math enjoyer. My current main specialties are in Mobile, Game, and Web Development which will change in the future since I'm interested in learning more. I've published a game with +5000 installs, worked inside and led teams on projects, and able to work in fast paced environment or under pressure.

Download CV

View Projects

Game Dev

Tools/Languages

C#HLSLUnity

FirebaseJavaScriptPixi

Phaser

Web Dev

Tools/Languages

AngularCSSD3

DjangoExpressBootstrap

FirestoreFlaskGolang

HerokuHTMLJavascript

MongoDBNextNode

PixiPythonReact

SQLitePostgreSQL

TypescriptVercelSvelte

MySQLPlanetScale

SupabaseCloudinaryVite

GolangFiberLaravel

PHPDockerNginx

HonoThree.jsChart.js

SwaggerK6Socket.io

AWSCoolify

Mobile Dev

Tools/Languages

C++CFlutterDart

FirebaseFlutterJava

KotlinNodeUnity

Desktop Dev

Tools/Languages

C++C#JavaNET

PythonUnityFFMPEG

RustTauriQt

Os Dev

Tools/Languages

CARMAssemblyQemu

LinuxVBox

Other

Tools/Languages

BlenderFigmaGit

IllustratorP3Photoshop

Qualification

My Journey

Education

Bandung Institute of Technology

Undergraduate of Informatics

2022 - now

SMA Negeri 1 Medan

Senior High School

2019 - 2022

SMP Negeri 1 Medan

Junior High School

2016 - 2019

SD Harapan 2 Medan

Elementary School

2010 - 2016

TK Harapan 1 Medan

Kindergarten

2009 - 2010

Work

Memento

Freelance Software Engineer

2025

Rolling Glory Jam

Internship Game Programmer

2024

Kinnaria

Freelance Game Development

2024

Dewi Sri

Freelance Game Development

2024

Kirana & Laplip

Freelance Game Development

2023 - 2023

Legend of Tampoemas Mountain

Freelance Game Development

2022 - 2022

Flavy

Freelance Game Development

2021 - 2021

Organization

GIM ITB

Head of Programming

2024 - 2025

HMIF Pro-Gemastik ITB 2024

Head of Gamedev Committee of Pro-Gemastik ITB 2024 in Himpunan Mahasiswa Teknik Informatika (HMIF)

2024 - 2024

GIM ITB

Vice Chairman of Research and Development

2023 - 2024

GIM ITB

Head of New Member Admission

2023 - 2024

BAKMISS

Head of Science and Technology

2020 - 2021

Achievement

What i achieve throughout My Journey

Most Outstanding Informatics Student 2025

[March 2025] - Issued by Bandung Institute of Technology

1st Winner Game Development Gemastik XVII

[September 2024] - Issued by The Ministry of Education, Culture, Research, and Technology

Ganesha Award 2025 (Ganesha Karya)

[November 2024] - Issued by Bandung Institute of Technology

Finalist ITFest 2024

[September 2024] - Issued by Padjadjaran University

Finalist Game Development Gemastik XVI

[September 2023] - Issued by The Ministry of Education, Culture, Research, and Technology

2 Category Winner of GIM JAM 2023

[January 2023] - Issued by GIM ITB

2nd Winner of Game Development MAGE 7

[November 2021] - Issued by Sepuluh Nopember Institute of Technology

Top 100 Finalist of National Science Competition 2021 (OSN)

[November 2021] - Issued by The Ministry of Education, Culture, Research, and Technology

5th Runner Up of Ruangguru Champion Online Edition 5th

[September 2020] - Issued by PT Ruang Raya Indonesia

Silver Medal of National Science Competition city level 2020 (OSN)

[March 2020] - Issued by The Ministry of Education, Culture, Research, and Technology

Project

Collection of projects that i built or involved in

AnimationUI

Open source Motion/Tweening Tool/Library with Visual Editor and easy drag and drop support for Unity Engine, +500 stars on Github.

Game DevC#UnityIllustrator

FigmaTools

Pace Break

Platformer combat game inspired by Hollow Knight

Game DevUnityC#HLSL

BlenderFigma

Financial Streams

Financial management game winning 1st place at Gemastik XVII

Game DevUnityFigmaC#

BlenderHLSL

Bezier Curve Generator

Interactive bezier curve generator with animated visualization

Web DevPixiTailwindJavascript

VercelVite

HexaTap

Highly optimized fast paced web game

Game DevPixiJavascript

FirestoreHTMLCSSVite

Rangkiang Form

Special made form with Google Sheets API

Web DevReactJavascriptHTML

CSSVercelExpressNode

QR Code Reminder With ChatGPT API

Reminds you when a product is about to expire with qr code

Mobile DevWeb DevFlutterDart

SQLiteVercelNodeMongoDB

Express

Project Arthur

A Top Down pixel art game made for GIM submission

Game DevUnityC#Illustrator

BlenderFigmaHLSL

Very Optimized Coins Shader

Made with a lot of shader tricks, result of years of my research.

Game DevUnityC#HLSL

Tools

VFX-Shader Collection

My collection of created Realtime VFX with shader.

Game DevUnityHLSL

Kirana & Laplip

Story book kids game to tell the story of Kirana & Laplip

Game DevUnityC#

Snake 4D [+5000 Installs]

Snake game... but 4D!

Game DevUnityC#HLSL

Portfolio

My main interactive web portfolio

Web DevNextTypescriptReact

HTMLCSS

Auth with Many Frameworks

Authentication implementation with many frameworks.

Web DevTailwindTypescriptNext

NodeExpressJavascriptPython

DjangoGolangFiberPHP

LaravelSupabase

Farmer Rancher Mayor Simulator

Game written in c++ and qt about Farmer, Rancher & Mayor Simulator.

Desktop DevC++Qt

WikiRace Solver

Solve Wikirace with web scraping, multithreading, BFS, IDS, etc.

Web DevJavascriptTailwindPixi

GolangFiberDocker

LinkinPurry Social

Social Media Website with various features.

Web DevHonoSwaggerK6

TailwindDockerReactTypescript

Socket.io

Purritify

Music Player & Management Mobile Application built using Jetpack Compose (Kotlin).

Mobile DevKotlin

HitBox System with Editor

Unity package for hitbox system.

Game DevUnityC#Tools

Breach Protocol Solver

Cyberpunk 2077 Breach Protocol solver with Brute Force.

Desktop DevPythonCQt

Magic Cube Solver

3D Animated Visualization of Magic Cube Solver with AI algorithms.

Web DevTypescriptThree.js

TailwindViteVercelChart.js

Memento

Photobooth App with video editing, Payment Gateway, Printer & Camera integration, with Website, Backend Server & Database, and Gmail Notification

Web DevDesktop DevNextTauri

TailwindRustVercelPostgreSQL

FFMPEGSupabase

Le Mari

An app to manage your outfit.

Desktop DevPythonFletCI/CD

SQLite

Reusable Finite State Machine with Editor

Unity package for Generic based FSM. It's big brain OOP.

Game DevUnityC#Tools

OSLahPokoknya

A really cool Operating System made with C and Assembly

Os DevCAssemblyQemu

LinkinPurry Jobs

Linkedin copy Website with various features.

Web DevApachePHPJavascript

CSSDocker

TCP Over UDP

Transmission Transport Protocol implemented Over User Datagram Protocol with Sliding Window, Checksum Algorithm, retries, and Multiplexing.

Os DevC++LinuxVBox

Contact

Opportunity for an internship would be nice :)

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Github

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