

RIFKI SETIAWAN

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Bekasi Selatan, Kota Bekasi

Digital Multimedia Engineering student who specializes in full-stack website development and game development. Experienced in the project development cycle from idea to deployment, proven by the success of deploying several websites and becoming the Top 10 of TSA Game Fest 2024 competition. Skilled in designing backend architecture, managing relational and NoSQL databases, and applying modern development principles to create scalable and efficient applications.

EDUCATION

Jakarta State Polytechnic | [Depok](#)

September 2023 - Present

D4 Teknik Multimedia Digital - IPK 3,8 (5th Semester)

Relevant Coursework: Web Programming, Web Design, 2D Game Programming, Game Design & Development, Object Based Programming

PRESTATION & CERTIFICATE

- Top 10 Team - TSA Gamefest 2024 *October 2024*
- Certificate of Excellence - TSA Game Fest 2024 (Agate Academy) *October 2024*
- Certificate of Training - TSA Game Fest 2024 (Digital Talent Scholarship) *October 2024*

PERSONAL PROJECTS

Fullstack Developer | [Proyek Pribadi](#)

September 2024 - Present

- **Situation:** Developing some personal projects to deepen the understanding of modern web architecture and full-stack development cycle.
- **Technical Action:**
 - Manage relational (PostgreSQL, MySQL) and NoSQL (MongoDB) databases from database schema design to CRUD operations.
 - Design MongoDB database schema with Mongoose and PostgreSQL with Prisma ORM.
 - Build dynamic and interactive UI using React.js, Next.js (App Router), CSS animation, and Tailwind CSS.
 - Built a robust API backend using Next.js API Routes and RESTful API architecture with Node.js & Express.js.
 - Integrated third-party services such as Supabase for database and Storage and Resend API for email notifications.
- **Results:**
 - Successfully built (4) and deployed (3) web applications, including a functional CMS (Content Management System) built from scratch.
 - Experienced in deploying applications with different architectures: Separate Architecture (Frontend at Vercel, Backend at Railway) and Unified Architecture (Full-stack Next.js at Vercel)..

LadaHitam Creation Website & CMS | [Projects Link](#)

A dynamic portfolio website for an indie game studio that doubles as a public page and an internal CMS. The project was built with Next.js (App Router), Prisma, and a PostgreSQL database hosted on Supabase.

My Web PortFolio | [Projects Link](#)

A full-stack application designed to showcase frontend and backend development expertise, featuring a modern user interface and a dedicated backend API for handling contact forms.

COMPETITION EXPERIENCE

Game Programmer (Team) | [TSA Game Fest 2024](#)

July 2024 - October 2024

- Contributed to bringing the team to the top 10 finalists out of 43 participating teams.
- Designed and implemented 30+ mechanics and game management such as persistent data manager, singleton pattern, free-form object placement with raycasting and scriptable objects, chained coroutine tutorial, NPC with state machine, UI interaction, etc.
- Worked together using version control system with 4 other team members to integrate gameplay, assets, animation, and UI to match the game design.
- Conduct regular testing to find and fix bugs in the game, and ensure the stability of the game.

EXPERTISE (HARD SKILLS)

Fullstack Developer

- **Frontend:** HTML5, CSS3, JavaScript, React.js, Tailwind CSS, Bootstrap
- **Backend:** Next.js API Routes, Node.js, Express.js, PHP
- **Database:** PostgreSQL, MongoDB, MySQL
- **Cloud & Platform:** Supabase (Database & Storage), Vercel, Railway, Resend API

Game Developer

- **Engine:** Unity 6.1 & Unity 2022 LTS.
- **Concept:** Game Logic and Mechanic Design, Persistent Data State Management, Singleton Pattern, Object Placement with Raycasting, Simple AI (NPC), Save/Load System (JSON), Asynchronous Scene Transition, Text File-based Dialogue System.

Programming Language

C#, C++, JavaScript (ES6+), PHP, Java, Python

Other Tools & Platform

GitHub, VS Code, Visual Studio, Notion, Trello, Jira, Plane.so, Figma, Wordpress

VOLUNTEER & COMMITTEE EXPERIENCE

Module Writer (Volunteer) | [Disnaker Depok](#)

July 2025

Created 2 learning modules titled "Creating Short Videos Using Canva" and "Website Creation Tutorial Using Wordpress".

Staff Administration | [Disnaker Depok](#)

Mei 2024 - Agustus 2024

Manage administrative documents in the form of proposals, letters, discussion results, and division of tasks to ensure smooth communication with 8+ external parties and coordination of 53 committee members.

SOFT SKILLS

- Problem Solving, Detail Oriented, Fast Learner, Teamwork, Adaptability
- Bahasa Indonesia: Native
- English: Proficient in Technical Reading & Writing