

# Rosalena Brigita Limbong

Game Programmer and Software Development Enthusiast  
Bachelor of Informatics (June 2021 - June 2025)  
Universitas Pembangunan Nasional "Veteran" Jawa Timur  
GPA 3.90/4.00

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## PROJECTS

### • Historical RPG with Branching Narrative

Unity, C#, PHP, Ibis Paint

Built a 2D historical RPG with branching narratives, Ink-based dialogue system, and a hybrid save system supporting both local and PHP-based online storage.

### • Culinary RPG Shooter

Unity, C#, Blender

Developed a 3D top-down shooter RPG where players battle enemies, combine crates to craft items, companions, or ingredients, and unlock recipes for time-based cooking minigames.

### • Mobile Recipe App

React Native, PHP, MySQL

Built mobile recipe app for creating, searching, and managing recipes, featuring bookmarks and centralized database storage for all content.

### • Mobile Music App

React Native

Designed and implemented the frontend for a music mobile app with Home, Explore, and Library sections to enhance navigation and music discovery.

### • Website Laundry

HTML, CSS, PHP, MySQL, JavaScript

Developed a full-stack laundry web app with role-based access (admin & user), CRUD functionality, and order tracking.

### • Web Programming Projects

HTML, CSS, PHP, MySQL, JavaScript

A collection of practice projects demonstrating foundational web development skills, including full-stack implementation and CRUD operations.

## WORK EXPERIENCES

### 1. Sekretariat Jenderal DPR RI (PUSTEKINFO)

(Feb 2024 – June 2024)

#### IT Programmer – Internship

##### • Navigation Map

Developed a 3D navigation map for the DPR RI complex, simulating route paths, estimated travel time, and step counts. Designed and modeled the building and environment assets using Blender to create an immersive and informative navigation experience.

##### • Vehicle License Plate Recognition System

Built a license plate detection program for cars using the YOLO object detection algorithm. Focused on dataset preparation and image preprocessing to improve detection accuracy under varying conditions.

##### • Sentiment Analyst

Assisted in sentiment analysis of social media content by conducting data cleaning and preprocessing. Contributed to interpretation of results used in internal reporting and insights.

### 2. Growlab (Business Consultant Company)

(Nov 2023– Jan 2024)

#### Web Developer– Internship

Built a full-stack company profile website using React.js and Express.js. Designed the database structure, implemented RESTful APIs, and collaborated with the developer team to deliver features on time while presenting progress directly to stakeholders.

## Skills

PHP, HTML, CSS, Javascript (Next.js, Express.js, ReactNative), C#, C++, Python, MySQL, Blender, API, Git, Figma, Postman, Google Sheets, Excel, Powerpoint, Word.