

GLORIAN HILARIUS KIANTIN BEDA

Cicurug, Sukabumi, West Java | rian.beda246@gmail.com

+62 81389785631 | linkedin.com/in/glorian-hilarius-568a97248/ | Portfolio UI/UX | <https://github.com/Vunix99>



SUMMARY

I am a Software Engineering Technology student at IPB University Vocational School with a strong passion for UI/UX design, android mobile app development, and web development. I am a detail-oriented and ambitious learner who is always enthusiastic about exploring new technologies and challenges. With experience in both frontend and backend development using various frameworks and tools, I aim to continuously grow and contribute in dynamic and innovative tech environments.

WORK EXPERIENCE

Hati Maria Tak Bernoda (HMTB) Cicurug Catholic Church, Sukabumi

Jan 2023 – Present

Member Event Documentation

- Documentation of major church activities for Easter, Church Birthdays, Confirmation, Communion and Christmas.
- Creating an annual church photo album.
- Photo editing for printing.

EDUCATION

IPB University Vocational School, Bogor

Aug 2022 – Present

Software Engineering Technology

GPA 3.84 of 4.00

ACHIEVEMENTS

UI/UX Design Vocation of Champions 2024, Sebelas Maret University - Solo

Nov 2024

1st place

- Designed user interfaces and user experiences for an AI-powered learning platform that enables flexible, collaborative, and structured education, supporting the "Indonesia Emas 2045" national vision.

UI/UX Design SMART IT Competition 2024, Sebelas Maret University - Solo

Jun 2024

2nd place

- Create a UI design for a mobile application regarding an online course called Skillify, which is a learning medium and means for participating in technology events in Indonesia

UI/UX Design Competition Technology Festival 2024,

Feb 2024

Institut Teknologi Indonesia - Tangerang

2nd place

- Creating a UI design for a mobile application called V-Care: Vocational School Care, which targets IPB University Vocational students in conducting consultations with doctors or counselors online or offline, as well as a feature to ask questions about the function of a drug via photos.

Compsphere 2023 UI/UX Competition, President University - Bekasi

Oct 2023

3rd place

- Create a UI design for a mobile application regarding the auction of rare antiques. This application is called 'retoru' with its retro color selection and concept, creating an antique impression in this design.

PROJECT

SatuFile: Cloud GUI for Server Website <i>Fullstack Developer, DevOps</i>	Des 2025
• Built a web-based cloud storage GUI using React with TypeScript and a high-performance Golang backend. Deployed on a self-hosted ARM server (repurposed STB running Armbian), securely exposed via Cloudflare Tunnel and protected with Cloudflare Access authentication.	
SatuData Website <i>Fullstack Developer</i>	Nov 2025
• Developed a Super App for 'Orang Muda Katolik' at Cicurug Catholic Church, integrating document archiving, digital signature system, financial management, and productivity tools such as a PDF editor, image splitter for Instagram content, to-do lists, and collaborative notes. Built using React.js, Node.js, Prisma ORM, and MySQL.	
Fotola: Photobooth Online Website <i>Fullstack Developer</i>	Aug 2025
• Built an online photobooth web application using React with TypeScript and a Node.js backend, integrated with a Python service for background removal and photo strip template processing. Implemented Google MediaPipe for hand gesture detection to enable automatic photo capture without mouse or button interaction.	
SIPATUH Website <i>Fullstack Developer</i>	May 2025
• Designing Frontend of SIPATUH website (Orderly Parking System for HMTB People) using Vue.js + Vite • Designing a backend system using Express.js to support the development of various core features, including a dynamic dashboard, a structured parking data table, income tracking, and detailed admin activity logs. The system also includes functionalities for adding and managing administrator accounts, performing data backup and restore operations, and implementing automated email notifications using Gmail SMTP for improved communication and system alerts. • Designing a SIPATUH Database using MySql	
IdRunner Website <i>Computer Vision Model Trainer, Testing & Evaluation</i>	May 2025
• Trained, tested, and evaluated a YOLOv8 object detection model to accurately identify runners' bib numbers from event photographs. • The web application, built using Flask, enables users to search for their race photos by entering their bib numbers. • Designed to streamline the photo retrieval process for participants, the system outputs all relevant images containing the specified bib number, making it easier for runners to find their personal event photos.	
Website Glo Repair Car <i>UI/UX Designer, Backend Developer</i>	Jan 2025
• Designing a prototype design for the admin dashboard of the fictional workshop website 'Glo Repair Car' • Designing an API for the 'Glo Repair Car' workshop website using Controller in Laravel	
Website Nova Cathering <i>UI/UX Designer, Full Stack Developer</i>	Aug 2024
• Designing a prototype design to be implemented in the website frontend • Become a Full Stack Developer by creating a Website for 'Katering Ibu Nova' using the Laravel framework and SQLite database storage.	

Website Harris Hotel	Mar 2024
<i>Administrator server</i>	
<ul style="list-style-type: none"> • Hosting on a Linux VPS for the Harris Hotel website, which is a website that displays a list of Harris Hotel hotels on Maps via the Geographic Information System using Leaflet js 	
Mobile Apps EduNet : Educational Network Apps	Feb 2024
<i>UI/UX Designer, Mobile Developer</i>	
<ul style="list-style-type: none"> • Creating a UI/UX design for Edunet mobile apps, which is a learning platform for students at SMAN 1 CIBINONG. • Frontend and Backend implementation of Edunet mobile apps using MongoDB as the API and Database and Java as the programming language 	
Website & Mobile Apps DIUR: Diet Sayur	Aug 2023
<i>UI/UX Designer, Full Stack Developer</i>	
<ul style="list-style-type: none"> • Create UI/UX design for websites and mobile apps using the design thinking method • Developed a MongoDB REST API to connect websites and mobile to the same database • Implementation of Frontend and Backend Websites with PHP, HTML, CSS, JS • Implementation of Frontend and Backend Mobile Apps with Java and XML in Android Studio 	
Interval E-Magazine Website Design UI	Aug 2022
<i>UI/UX Designer</i>	
<ul style="list-style-type: none"> • Create a display for the 'Interval' magazine website with article content from the magazine 	
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LEADERSHIP EXPERIENCE	
Himavo Micro IT Community, Bogor	Feb 2023 - Feb 2024
<i>Member of the Web Development division</i>	Feb 2023 – Feb 2024
<ul style="list-style-type: none"> • Attend web design and web development training • Become an event organizer 	
<i>Member of the Design, Decoration and Documentation division of Micro IT Leader Election</i>	Sep 2023 – Nov 2023
<ul style="list-style-type: none"> • Create a poster design for the 2023 Micro IT Leader Election event • Documentation of the 2023 Micro IT Leader Election event 	
<i>Head of Design, Decoration and Documentation division IT Knowledge 2023</i>	Jun 2023
<ul style="list-style-type: none"> • Coordinate the Team to work together well before and after the event • Create a poster design for the IT Knowledge 2023 event • Create a plaque design for the IT Knowledge 2023 event • Create certificates for participants and the IT Knowledge 2023 committee • IT Knowledge 2023 event documentation 	
Orang Muda Katolik Hati Maria Tak Bernoda Cicurug Catholic Church, Sukabumi	Aug 2020 - Present
<i>Vice Chairman</i>	Jan 2025 - Present
<ul style="list-style-type: none"> • Assist the chairman in arranging the meeting schedule 	

- Assisting the chairman in coordinating division members
- Creating a meeting report/evaluation template
- Lead the meeting when it is difficult to attend

Member of the Publication and Documentation Division

Aug 2020 - Dec 2025

- Designing announcements about OMK activities in the form of WhatsApp broadcasts
- Designing poster designs for commemorative days and major OMK events
- Documentation of OMK events
- Creating captions for OMK posts on Instagram

Publications

Pengembangan Sistem Informasi Bengkel Otomotif dengan Metode Agile Scrum

May 2025

Jurnal Tekno Kompak

DOI: 10.33365/jtk.v19i2.243

Efektivitas Pembelajaran Bahasa Jepang Melalui

May 2025

Video Singkat (YouTube Shorts, TikTok, dan Reels)

Jurnal Riset Ilmu Pendidikan, Bahasa Dan Budaya (SEMANTIK)

DOI: 10.61132/semantik.v3i3.1717

Implementasi Algoritma MobileNetV2 Berbasis CNN untuk

Des 2024

Sistem Pengenalan Bahasa Isyarat SIBI

Bina Insani ICT Journal (BIICT)

DOI: 10.51211/biict.v11i2.3228

Pengembangan Sistem Pencatatan Pesanan Berbasis Website

Des 2024

dengan Pendekatan Equivalence Partitioning pada Tahap Pengujian Black Box

Bina Insani ICT Journal (BIICT)

DOI: 10.51211/biict.v11i2.3233

Analyzing User Experience in KAI Access Application

Jun 2024

Jurnal Informatika dan Sains (JISA)

DOI: 10.31326/jisa.v7i1.2007

LANGUAGE AND SKILLS

- Indonesian (Mother Language), English (Secondary)
- *Management/Documents* : Ms. Office Word, Ms. Excel, Power Point, Ms. Project, Jira, Notion
- *Multimedia* : Figma, Canva, Adobe Lightroom, PicsArt
- *Programming* : Laravel, HTML, CSS, Javascript, PHP, Git, Android Studio, Java, Kotlin, Python, R, Flask, Vue.js, Linux System Administration, MySQL, SQLite, MongoDB, Google App Script, Firebase, React, Typescript, Golang, Cloudflare, Prisma