

# GLORIAN HILARIUS KIANTIN BEDA

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## 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

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### SatuFile: Cloud GUI for Server Website

Des 2025

*Fullstack Developer, DevOps*

- 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

Nov 2025

*Fullstack Developer*

- 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

Aug 2025

*Fullstack Developer*

- 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

May 2025

*Fullstack Developer*

- 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

May 2025

*Computer Vision Model Trainer, Testing & Evaluation*

- 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

Jan 2025

*UI/UX Designer, Backend Developer*

- 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

Aug 2024

*UI/UX Designer, Full Stack Developer*

- 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.

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

- 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