

NI WAYAN PUTRI SATYA UTTAMI

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Profile

I am an Information System student (GPA **3.93**) who builds production-ready web & mobile apps with **React, Flutter, Flask**, and **Figma**. I have delivered **six end-to-end projects**, including a **GIS-powered event planner platform** and a **point-of-sale (POS) system**. As **Learning and Class Developer Lead at Velma**, I designed two training programs that achieved over **90% participant satisfaction**, boosting member retention. I have published **four copyrighted tech works** and thrive in fast, cross-functional teams where clear code and clear communication drive results.

Key Skills & Competencies

Technical Skills : HTML, CSS, ReactJS, Python, Java, R, Microsoft Office, Figma, Canva
Soft Skills : Interpersonal skills, Analytical & Critical Thinking, Leadership, Active listening skills, and Teamwork
Language Skills : Bahasa Indonesia (Native Proficiency), English (Professional Proficiency), Mandarin (HSK2)

Certifications

- Junior Web Developer from BNSP No. 62090 2513 3 0067490 2023
- Java Basic from Hacker Rank ID: BID34C7E6738
- R Fundamental for Data Science from DQLab #DQLABINTR1MLHRFR

Education

Universitas Pendidikan Ganesha 2022 – present
Faculty of Engineering and Vocational, majoring in Informatics Engineering, Information System study program (Current GPA: 3.93/4.00)

Vocational School Graduate Academy (VSGA) Digital Talent Scholarship Jun – Jul 2023
Finished 90 hours of Junior Web Developer Training

Brainmatics Jun 2024
1 Hour Online Training: 5 Business Process Paradigm Shifts

Organizational & Volunteer Experience

Velma Jan 2025 – present
Learning and Class Developer

- Volunteered with Velma, a women's empowerment community promoting critical thinking and emotional intelligence through empathetic and rational education.
- Tasked with enhancing community engagement by developing educational programs and sourcing industry-relevant instructors.
- Identified and onboarded potential speakers aligned with community interests; designed and coordinated learning sessions, including workshops and classes; gathered post-class feedback to iterate and improve future programming.
- Successfully facilitated 2 classes with consistently high participant satisfaction scores 90%+ positive feedback, leading to increased community retention and engagement.

Sakapuan Feb – Aug 2024
Research and Development Manager

- Led monthly data collection and analysis to support content planning across Creative, Talent, and Writing teams.
- Monitored and evaluated social media content performance post-publication to inform future strategy.
- Supervised and assessed the R&D team to enhance workflow and ensure high-quality

research output.

Pengabdian kepada Masyarakat (P2M)

Aug – Sep 2024

Module Writer and Instructor

- Developed a training module titled “Pembuatan Evaluasi Pembelajaran Dengan Bank Soal Berbantuan QuizGecko”
- Provided hands-on guidance to help teachers on the end-to-end use of QuizGecko, including account registration, feature navigation, and implementation in classroom assessments.

KMI EXPO XIV 2023

Nov 2023

Liaison Officer University

- Coordinated logistical and communication needs for the university delegation during the national entrepreneurship expo.
- Acted as the primary point of contact between event organizers and the university team, ensuring timely updates and smooth participation.
- Facilitated team scheduling, accommodation, and booth preparations, contributing to a seamless delegation experience and positive institutional representation.

Himpunan Mahasiswa Jurusan (HMJ) Teknik Informatika

Mar 2023 – Apr 2024

Anggota Sub-Bidang Masyarakat

- Coordinated speaker outreach and media partnerships as Public Relations Coordinator for IT Mission#9, ensuring alignment with budget and goals.
- Led planning and execution of a social outreach event in collaboration with Singaraja Social Services.
- Organized and managed a 3-day orientation event (OKJ), including rundown creation and MC coordination, ensuring smooth execution.

Media Informasi Sistem Informasi (MERSI)

Feb 2023 – Jan 2024

Content Writer

- Tasked with creating engaging digital content to boost the visibility of the Information Systems program.
- Wrote and edited Instagram and WordPress articles; crafted compelling captions to align with branding and audience engagement strategies.
- Improved social media presence and increased engagement through consistent, audience-targeted content.

Relevant Project

Selingan: Event Planner Full Stack Website Developer

Sep 2024 – Jan 2025

- Tasked with developing a web-based event planning platform to help users organize and visualize events.
- Designed UI/UX in Figma, built the frontend with ReactJS and Ant Design for responsive and scalable components, and developed the backend with Flask to handle user data and event logic. Integrated Leaflet for GIS-based location picking, enabling users to select event venues with real-time map functionality.
- Delivered a dynamic, map-integrated event planning website that improved user interaction with location-based features and streamlined event setup workflows.

Automation Testing

Jan 2025

- Ensure the correctness of custom sorting algorithms (Merge Sort and Quick Sort) and automate UI testing for online calculators on Calculator.net to reduce manual testing time.
- Developed unit tests in Python using unittest framework to validate Merge Sort algorithm, covering normal, sorted, reversed, identical elements, empty, and single-element arrays.
- Implemented Selenium-based UI automation scripts for Calculator.net calculators

Hospital Reviews Sentiment Analysis using ALBERT

Dec 2024

- Develop a sentiment analysis system to automatically classify hospital reviews into positive, neutral, or negative categories to assist healthcare providers in understanding patient experiences.
- Successfully trained a sentiment classification model capable of accurately predicting the

sentiment of unseen hospital reviews. Improved sentiment classification performance compared to baseline models and enabled scalable analysis of patient feedback.

Market Basket Analysis using Apriori Method

Jan 2025

- Analyze retail transaction data to discover frequent itemsets and generate association rules that reveal which products are commonly bought together.
- Extracted actionable insights such as strong product pairings and frequently purchased item combinations, which can support retail decision-making in marketing, promotions, and layout design.

Manajemen Basis Data Book Writer

Oct – Dec 2024

- Authored an academic book titled "Database Management: Theory and Implementation," providing comprehensive insights into both the fundamental concepts and practical applications of database systems.
- Covered key topics such as data modeling, relational databases, SQL, and system implementation with real-world case studies.

Kasirbali.com Technical Writer

Sep – Dec 2024

- Tasked with improving documentation quality for Kasirbali.com, a Point of Sale (POS) system, to support internal development and end-user understanding.
- Created detailed Software Requirements Specification (SRS) documents to guide the development team in feature implementation; developed clear and user-friendly manuals to assist clients in using the POS system effectively.
- Enhanced cross-team communication between product, design, and development; reduced user support inquiries by providing comprehensive documentation and self-help resources.

Sushi Man: Point of Sale (POS) System Full Stack Mobile Developer

Feb – Jun 2024

- Tasked with developing a mobile-based Point of Sale (POS) system to streamline order and transaction processes.
- Designed user interface prototypes in Figma, developed cross-platform mobile applications using Flutter, and built backend services with Flask to handle real-time transactions and data management.
- Delivered a fully functional POS system that improved operational efficiency and order accuracy, enhancing overall user experience for both staff and customers.

ISSA: Achievement Records Developer

Sep 2023 – Jan 2024

- Assigned to build a localized web-based system to record and manage student achievement data.
- Developed the full system using HTML, Bootstrap, and native PHP, with an XAMPP-based database setup for local deployment. Designed user interfaces and backend logic to input, store, and retrieve achievement records efficiently.
- Delivered a functioning achievement tracking system hosted on localhost, improving data organization and accessibility for internal academic use.

Sistem Informasi Perpustakaan

Jun – Jul 2023

- Tasked with creating an online library management system to improve book cataloging and borrowing processes.
- Developed the system using HTML, Bootstrap, and native PHP. Deployed the system via cPanel for public accessibility, enabling real-time access to library resources and transactions.
- Successfully launched a fully functional, user-friendly web-based library system.

Achievement

- Gold Medal of Gebyar Nasional Essay Siswa dan Mahasiswa (GENESIS) at Universitas Mataram held by UKMF Fatepa English 2024.
- Finalist of UI/UX Competition INSPACE 2024.
- 1st Runner-Up of Equilibrium Scientific Research Competition at Universitas Udayana held by Badan Eksekutif Mahasiswa Fakultas Ekonomi dan Bisnis 2023.

Publication

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- HAKI Program Komputer Selingan (EC002025047577)
 - HAKI Dokumen Perangkat Lunak Point Of Sale Kasir Bali (EC002024245429)
 - HAKI Modul Pembuatan Evaluasi Pembelajaran Dengan Bank Soal Berbantuan QuizGecko (EC002024230449)
 - HAKI Buku Manajemen Basis Data: Teori Dan Implementasi (EC00202500181)