

Giovanka Steviano Harry Premono

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Profile

Giovanka is a seventh-semester Informatics student at Duta Wacana Christian University with a strong interest in Machine Learning and Cloud Computing. He is passionate about leveraging data and scalable infrastructure to build impactful solutions. In addition to his academic journey, he continues to explore Full Stack Development and Computer Networking as complementary interests. Currently, he is seeking entry-level internship opportunities to contribute meaningfully in the IT industry.

Education

Duta Wacana Christian University

Yogyakarta, Daerah Istimewa Yogyakarta

Informatics

August 2022 - Present

Faculty of Information Technology

- Relevant Courses: Web Programming, Artificial Intelligence, Software Engineering, Internet of Things (IoT), Machine Learning.
- Academic Projects: Developed and designed a dynamic ticket booking website using HTML, CSS, PHP, and JS as a Web Programming project. Created a stock price decision-support system using Python and Google Colaboratory, applying technical indicators for investment analysis.
- Built a system that provides graduate profile recommendations based on alumni data using the Naive Bayes algorithm, as a final project for the Artificial Intelligence course.

Bangkit Academy 2024 Batch 2

Studi Independen Bersertifikat Angkatan 7 2024

Cloud Computing Cohort

September 2024 – January 2025

- Completed 900+ hours of intensive training in Cloud Computing through the Bangkit Academy 2024 program by Google, Dicoding, and GoTo. Gained technical expertise in cloud infrastructure, DevOps, and backend services, while also enhancing soft skills such as problem-solving, collaboration, and English communication.
- Served as Project Manager and Backend Developer in the final capstone project, leading a cross-functional team by coordinating tasks and facilitating communication between developers and ML specialists. On the technical side, developed APIs, designed the database, and ensured seamless system integration to deliver a scalable and reliable backend.

Experience

Computer Network Lab Assistant Lecturer - UKDW

February 2024 – June 2025

- Assisted and supervised students during lab sessions, actively engaging them through practical applications of computer networking concepts such as router and switch configuration fundamentals, and subnetting in Cisco Packet Tracer.
- Graded students' work and exams, provided constructive feedback during practicums, and assisted in preparing lecture materials and presentation slides.

LAN Infrastructure Lab Assistant Lecturer - UKDW

August 2024 – January 2025

- Facilitated hands-on learning in core networking concepts, such as DHCP (IPv4 & IPv6), static and dynamic routing, VLAN configuration, and wireless networking, enabling students to design and implement real-world network infrastructures.
- Provided mentorship and guidance to students in networking technologies, including Packet Tracer simulations, MikroTik configuration, and Cisco routers and switch setup. Delivered practical instruction on network fundamentals and device management.

Project Experience

SweetTrack | Capstone Project – Bangkit Academy 2024

September 2024 – December 2024

- Led a team of 7 in developing an Android-based mobile application for diabetes management. The app features image-based food recognition, automated nutritional data extraction, daily calorie and sugar intake tracking, and an integrated chatbot that provides diabetes-related education and lifestyle guidance.
- Designed and implemented the backend architecture using Google Cloud Platform services, including Compute Engine (VM), Cloud SQL, Cloud Run, and Cloud Storage. Developed RESTful APIs using Node.js and Express.js to ensure seamless integration between the frontend and machine learning components.

Skills

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|------------------------------|----------------------|
| • Web Programming | • Team Collaboration |
| • Machine Learning | • Leadership |
| • Python | • Problem Solving |
| • MikroTik & Cisco | • Adaptability |
| • English (Spoken & Written) | |