Stevanus Felixiano

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PROFILE

I am making progress toward getting a Bachelor's degree in Computer Science from Padjadjaran University. I am an energetic person, have high curiosity, and always try new things. I'm interested in Artificial Intelligence and Back-End Development.

EDUCATION

Padjadjaran University (UNPAD)　　　　　　　　　　　　　　　　　　　　　　*Aug 2022 - Present*
Bachelor of Informatics Engineering

- Cumulative GPA of 3.87/4.00
- Expected Date of Graduation: August 2026
- **Relevant Modules:** Machine Learning, Robotics, Computer Graphics, Data Warehouse, Data Mining

EXPERIENCE

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka　　　　　　*Sep 2024 - Dec 2024*
Machine Learing Cohort

- Selected as 1 of 4,636 participants from over 45,000 applicants across Indonesia for the prestigious Bangkit 2024 Batch 2 program, endorsed by the Ministry of Education, Culture, Research, and Technology (Kemdikbudristek).
- Completed an intensive curriculum covering Machine Learning, Mathematics, and TensorFlow.
- Collaborated remotely with diverse teams to solve real-world industry projects, applying AI and data-driven solutions to practical problems.

PROJECTS

NoteBoost　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Feb 2025 - Jun 2025*
Back-End Developer

- Developed and maintained backend APIs for NoteBoost, an online educational platform that personalizes note-taking features based on user grade level and subject matter.
- Implemented secure authentication systems and integrated AI-powered functionality using the Gemini API to enhance user experience and content relevance.
- Collaborated closely with the frontend team to ensure seamless integration and efficient data flow between the backend and frontend components of the application.

FishGuard - Bangkit Capstone Project　　　　　　　　　　　　　　　　　*Oct 2024 - Dec 2024*
Machine Learning Engineer

- Developed and trained computer vision models for accurate detection and classification of fish species to support marine biodiversity conservation efforts.
- Collaborated with the Cloud Computing team to develop and optimize RESTful APIs, enabling efficient data storage, retrieval, and interaction between the machine learning models and cloud infrastructure.
- Collaborated in a cross-functional team to ensure seamless deployment of ML models into a user-friendly mobile application, enhancing user experience in fish identification.

Trash Bin Robot (Computer Vision)　　　　　　　　　　　　　　　　　　*Sep 2024 - Dec 2024*
Main Developer

- Designed and built an autonomous trash bin robot utilizing Mediapipe version 5 for human hand gesture recognition through pose estimation, enhancing human-robot interaction capabilities.
- Implemented computer vision algorithms to detect user gestures, enabling the robot to approach the user, open the lid automatically, and close it after waste disposal without manual intervention.
- Integrated Arduino-based hardware control and motion systems to ensure smooth navigation and responsive movements in line with detected human gestures.

The Weeknd Website *Aug 2023 - Dec 2023*
Main Developer
- Developed a dynamic and interactive website dedicated to The Weeknd using CodeIgniter 4 as the backend framework, featuring music, albums, tour schedules, and news updates to engage visitors.
- Designed and implemented responsive front-end interfaces using HTML, CSS, and JavaScript to ensure compatibility across various devices and screen sizes.
- Utilized XAMPP for local development and MySQL for database management to enable efficient storage and retrieval of multimedia content and user data.

ORGANISATIONAL EXPERIENCE

Executive Board of Himatif FMIPA UNPAD *Jan 2023 - Dec 2023*
Staff of Cadre Department
- Together with the team creating a cadre concept for young Himatif members.
- Participated in the optimization of the regeneration process for Himatif members.
- Categorize the potential of Himatif members by grouping them according to their scientific fields, organizational involvement, and talent interests.

SKILLS & LANGUAGES

Programming: Python, Data Analytics, C#, C++, TensorFlow, HTML, CSS, JavaScript, PHP, Excel, Robotics, Google Cloud Platform

Languages: English (Proficient), Bahasa Indonesia (Native)