REYNARD ADIMAS NABIL

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Personal Website | Github | Linkedin

PROFILE

Passionate 5th-semester Informatics undergraduate and technology enthusiast with a deep interest in algorithmic problem-solving and software development. Co-founder of a competitive programming community with a history of achievements in national contests like ICPC and Gemastik. Interested in building diverse projects ranging from game development to machine learning applications. Dedicated to writing efficient code and tackling complex technical challenges.

EXPERIENCE

Himpunan Mahasiswa Teknik Informatika (HIMATIF) — UPN "Veteran" Yogyakarta

Deputy Head of Interest and Talent

2025 – Now

- Develop work programs that can help channel the interests and talents of computer science students.
- Initiate a national IT competition for students, called Veternity.
- Collaborate with various fields within the association.
- Mentor 6 staff members with interests and talents.

Competitive Programming Veteran Yogyakarta (COPVY) — UPN "Veteran" Yogyakarta

Co-Founder & Vice Chairman

2025 – Now

- Initiating a forum for students interested in competitive programming at the UPN "Veteran" Yogyakarta.
- Guiding students to participate in various competitive programming competitions such as Gemastik, Compfest, ICPC, etc.

PROJECTS

Jim The Monkey

Topic: Game Development | *Stack: Python, Pygame*

- Developing a 2D arcade game with procedural map generation features that automatically create unique maze layouts for each game session.
- Implementing object-oriented game logic that includes NPC (enemy) movement systems, audio management (AudioManager), and zoom-in camera animation.
- Building a creative emoji-based visual rendering system for characters and environments, as well as a state management mechanism for winning/losing conditions.

Vegetable Image Predictor

Topic:Machine Learning, Web Development | *Stack: Javascript, TensorFlow.js, HTML/CSS, TensorFlow*

- Developing an AI-based web application capable of identifying 15 types of vegetables (such as broccoli, carrots, tomatoes) using a deep learning model.
- Implementing TensorFlow.js to load and run inference models directly in the browser (client-side), enabling fast predictions without server latency.
- Designing a modern and responsive user interface (UI) with drag-and-drop image features and visualization of prediction results based on accuracy percentages.

Medicall

Topic:Mobile App Development | *Stack: Flutter, Dart, Supabase*

- Developing a comprehensive healthcare management application that includes patient registration, queue monitoring, and digital medical record keeping.
- Integrating various interactive health calculator tools, such as BMI calculators, estimated due date calculators, and fertility calendars.
- Implementing local data management for drug inventory and patient visit history to ensure fast and efficient data access.

SKILLS

- **Programming Languages:** Python, JavaScript, SQL, C++
- **Frameworks & Libraries:** React.js, Express.js, Pandas, Scikit-Learn
- **Tools:** Git, VS Code, Postman
- **Soft Skills:** Problem Solving, Team Leadership, Komunikasi Efektif

EDUCATION

Informatics — UPN "Veteran" Yogyakarta

2023 - Now
IPK: 3.65/4.00

ACHIEVEMENTS

- **Ranked (38th Place) out of 67 Teams**, ICPC Asia-Jakarta 2025.
- **Ranked (33th Place) out of 452 Teams**, Indonesian National Contest 2025.
- **Winner (3rd Place)**, Competitive Programming, HOLOGY 8.0.
- **Finalis**, Gemastik Div. 1 Pemrograman Tahun 2025.
- **Finalis**, Gemastik Div. 1 Pemrograman Tahun 2024.

LANGUAGES

- **Bahasa Indonesia:** Native
- **Bahasa Inggris:** Professional Working Proficiency