Gradiva Arya Wicaksana

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Results-driven Computer Science student specializing in Full Stack Development with a strong emphasis on Back-end Engineering. Proficient in Python, TypeScript, React, REST APIs, and Next.js, with a proven track record of successfully collaborating on four professional projects that enhanced user experience and improved system performance. Demonstrates exceptional communication, leadership, and analytical skills through various volunteer and organizational roles. Actively seeking opportunities to leverage technical expertise in a dynamic environment and contribute to innovative software solutions.

EDUCATION

Bachelor in Informatic   **Aug 2023 - Present**
Pembangunan Nasional Veteran Yogyakarta University   **GPA:** 3.7 of 4.0
  Active in various competition. 1st place winner in KMI UPN Essay competition with topic "Ummah Social: Media Social for Muslim".

High School Science & Mathematic   **Jan 2020 - May 2023**
SMA Negeri 7 Yogyakarta
  Active in student research community. After graduation, I still active as mentor that successfully bringing national cooper medal.

PROJECTS

Pandum Aksara   **Jan 2023 - Mar 2023**
  Developed inclusive digital learning enviroment for Javanese Character that everyone could access with ease. This App is second version of "Seratan Jawa". We decide to utilize React, Next.js and firebase as our tech stack. Placing in Top 10 best projects

Seratan Jawa App   **May 2022 - Oct 2022**
  Seratan Jawa is a mobile application for Aksara Jawa (Javanese Script) learning. Seratan jawa developed to be interactive solution for anyone to learn Aksara Jawa. Aksara Jawa is a culture that unfortunately most people forget. The current curriculum school provided is not effective to increase awareness and interest among students. Seratan jawa developed using flutter framework. By conducting test on several users, this app proved to increase learning activities by 79%. Utilize flutter and firebase as tech stack.

SKILLS

Tech stack: Next.js, React, firestore, typescript, node, mysql, postgress, supabase

Soft skills: leaderships, public speaking, communication

CERTIFICATIONS

Belajar Machine Learning untuk Pemula (Credential ID: N9ZOM29KYPG5) ⧉ by **Dicoding Indonesia**   **Jun 2024**
Python Basic Programming (Credential ID: EYX404JY6PDL) ⧉ by **Dicoding Indonesia**   **Mar 2024**
Responsive Web Design ⧉ by **freeCodeCamp**   **Jun 2023**

AWARDS

1st Place Essay Competition by **KMI Pembangunan Nasional "Veteran" Yogyakarta University**   **Sep 2023**
  Brining the topic "Ummah Social: Social Media for Muslim", the objective is to propose a social media platform where all of the content are educative and inspirative also enhance in learning Islam.

Top 10 Best Project (semi-finalist) by **Innovative Informatic Competition Atma Jaya University**   **Mar 2023**
  Bringing "Pandum Aksara" as an app for learning Javanese with ease. This project aims to develop new innovative and easy to access app for learning Javanese as a effort to preserve Javanese itself.

LANGUAGES

Bahasa Indonesia (Native proficiency) • **English** (Professional working proficiency)

ORGANIZATIONAL & VOLUNTEER EXPERIENCE

Local Volunteer   **Dec 2023 - Feb 2024**
AIESEC in UPN "Veteran" Yogyakarta   **Yogyakarta**
  Assisted Exchange Participants from various countries by providing support with volunteering tasks, cultural adaptation, and recommending food spots, resulting in a 86% in overall satisfaction levels.

PUBLICATIONS

Pandum : Media Pembelajaran Aksara Jawa Berbasis Next Js ⧉ on **Cakrawala**   **Dec 2023**
  This paper aims to develop innovation in Aksara Jawa learning method. We develop an aksara jawa learning app inspired by Duolingo. The prototype then tested on 109 people.

WORK EXPERIENCE

Practicum Assistant -   **Aug 2024 - Present**
Informatics Departement UPN "Veteran" Yogyakarta   **Yogyakarta**
  - Taught two classes in Algorithm Programming and Database Implementation

- Researched and developed comprehensive coding materials, assignments, and projects in C++ and SQL
- Mentored and taught 17 international students in Algorithm and Database courses

Program Director Incoming Global Volunteer   **Feb 2024 - Present**
AIESEC in UPN "Veteran" Yogyakarta   **Yogyakarta, Indonesia · Hybrid**

- Developed 6 weeks engaging and educational activities for children,
- Achieving a satisfaction score of 87.5%,
- Led collaboration between International participants, local figure, teacher, and local students
- Led quality education program with 100+ children participant

STEM Curriculum Developer   **Aug 2024 - Oct 2024**
Kids Laboratory   **Yogyakarta**

- Develop 5+ robotics learning level for kids between 4-12 years old
- Analyze and selecting 50+ perfect material chapter and project-based learning

Partnership Intern   **Apr 2024 - Aug 2024**
Humas Universitas Pembangunan Nasional Veteran Yogyakarta   **Daerah Istimewa Yogyakarta, Indonesia · Hybrid**

- Managed over 10 partnership documents.
- Updated Google Sheet to increase document management efficiency, resulting in a 20% reduction in time spent on preparing MoUs.
- Drafted final MoUs in an average of 4 hours.
- Collaborated with various departments within and outside the university to streamline communication processes and improve efficiency.

Intern   **Sep 2023 - Dec 2023**
AIESEC in UPN "Veteran" Yogyakarta   **Yogyakarta, Indonesia · Hybrid**

Increased Host family opportunities by 20% through managing the Host family program, including marketing and design. Sent 15 promotional messages.

Research Development Mentor   **Apr 2023 - Dec 2023**
Self-employed   **Yogyakarta**

- Led collaboration with a team of two student researchers for a national-level student-research competition,
- developing **frontend** and **backend** code including Arduino architecture utilizing React, Next.js, Firebase, and Arduino,
- Achieving 3rd place in National Innovation competition.