

# Panky Bintang Pradana Yosua

itzbintangyosua@gmail.com | +62-813-9094-8688 | bintangyosua.my.id  
github.com/bintangyosua | linkedin.com/in/bintangyosua

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## OBJECTIVE

Motivated Computer Science undergraduate student with a strong foundation in programming and a keen interest in web development and machine learning. Experienced in building websites with payment integration using the Midtrans payment gateway, and developing machine learning models in Python for tasks such as customer segmentation, credit risk classification, and mental health diagnosis. Seeking opportunities in web development and machine learning.

## CORE SKILLS

Web Development, Machine Learning

## EDUCATION

### Jenderal Soedirman University

*Informatics. Web Development, Machine Learning*

GPA: 3.92/4

Purwokerto, Jawa Tengah

August, 2022-Now

Relevant Courseworks: Programming and Algorithms, Data Structure, Database, Information System, Web Programming, Software Engineering, Design and Analysis System, Artificial Intelligence, Data Mining, Statistics and Probabilistic

### Public Senior High School 2 Purwokerto

*Natural Science*

Purwokerto, Jawa Tengah

July, 2019-May, 2022

## PROJECT WORKS

### Credit Risk Classification

May, 2024

- Developed a machine learning model using Artificial Neural Network to classify loan approval status based on applicant data that led to 95% model accuracy and short training time. The project involved extensive data preprocessing, including handling missing values, encoding categorical variables, and feature scaling
- Technologies Used: Python, Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, tensorflow, Optuna.

### Kreasikita

May, 2024 – June, 2024

- Developed a web-based application to facilitate online donations for creators, addressing inefficiencies in the manual donation process. Integrated the Midtrans Payment Gateway to streamline and expedite donations, making the process faster and more efficient for users.
- Technologies Used: Nextjs, Nestjs, Midtrans, Tailwindcss, Nginx, MySQL

### Flobamora

Feb, 2024 – Mar, 2024

- Website that aims to promote and showcase the diverse and captivating tourist attractions and experiences found in the province of East Nusa Tenggara, Indonesia. Flobamora stands for Flores, Sumba, Timor, and Alor.
- Technologies Used: Nodejs, Preact, Tailwindcss.

### Habifier

Oct, 2023 – Dec, 2023

- Developed a web application for tracking daily habits with an intuitive and responsive user interface. Implemented secure user login and registration, allowing users to create, edit, and delete habits, set daily goals, and mark habits as completed. Included visual representations of habit progress over time.
- Technologies Used: Nodejs, Nextjs, MySQL.

## Volunteer Experiences

### Speakable Youth as IT Support

April, 2024 – June, 2024

- Led the IT Support Division, managing a team and providing technical assistance.
- Operated and facilitated English classes and entertainment events, ensuring a smooth learning experience.
- Built a Discord bot for Speakable Youth to enhance community communication.
- Awarded Staff of the Month for May.

## SKILLS

**Languages:** Indonesia (Native or bilingual proficiency), English (Professional working proficiency)

**Database Development:** MySQL, PostgreSQL, MongoDB.

**Programming:** Javascript, Typescript, Python, Java, Go, PHP.

**Machine Learning:** Python, Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, Tensorflow.

**Software Development Framework:** Nodejs, React, Next.js, NestJS, Wordpress, Express, Laravel, Django, CodeIgniter.