# IVAN PUTRA PRATAMA

LinkedIn    Github    Phone Number    Email    Instagram

## My Personal Web : pratamaivanweb.vercel.app

## SUMMARY

A **6th-semester Computer Science student** with a strong passion for **Software Development** (Mobile & Web) and **Machine Learning**. Skilled in **python** for developing machine learning, **PHP Laravel Framework** for web development and **Swift & Flutter** for mobile development, Actively **seeking an experience of work/internship** to further develop technical expertise, gain on industry experience, trust in a professional environment and broaden my network to know a lot of new people and build a strong foundation for my career.

## EDUCATION

**Senior High School**                                                                    **2018-2022**
SMAN 2 Semarang

**Bachelor of Computer Science**                                                     **2022- Now**
Dian Nuswantoro University

## PROJECT EXPERIENCE

### To Do List

- Note taking app using laravel, alpine.js, mysql and adding more features such as note by calendar, sharing schedule with your friends, check in Github click link on the title of the project, and this projcet is still on development

### Human Resources Information System (Internship at Sintech.co.id)

- This is my project for internship at Sintech.co.id, making Human Resources Information System for managing payroll, like add, edit, delete, update payroll, import data from excel and export data to excel or pdf, using Laravel for backend and easyUI for frontend with MySQL database

### iOS app development

- Make Social Media clone using Swift and Firebase integrating features like user authentication, image/video uploading

### Flutter Android Project

- Make an Order Menu for an UMKM business using Flutter, MySQL as the database, and Node.js (Express) as the backend, hosted on a cloud platform for seamless deployment and scalability. Tested API endpoints using Postman to ensure functionality and reliability.

### Face Recognition Using SVM

- Utilized a public dataset to classify faces based on predefined labels. The process involved data preprocessing, feature extraction, classification using Support Vector Machine (SVM), and performance evaluation to ensure accuracy and reliability of the model.

### Automatic Number Plate Recognition

- Developed a project using a dataset of Jakarta street. The process involved vehicle detection using YOLO, enhancing image quality with Super Resolution (Real-ESRGAN), and evaluating performance by comparing the number of successfully recognized license plates against the total detected vehicles.

*More Project here*

## ORGANIZATIONAL EXPERIENCE

**2022- Now**

- Member – Himpunan Mahasiswa Teknik Informatika, Universitas Dian Nuswantoro
- Actively contributed to organizing events, workshops, and seminars aimed at enhancing students' technical and soft skills.
- Collaborated with the team to manage student activities, including academic support programs and competitions.
- Developed leadership, teamwork, and communication skills through active participation in organizational initiatives.

## ADDITIONAL INFORMATION

- **Technical Skills:**
    - Python (Data Science, Machine Learning),
    - Swift (iOS Development),
    - Flutter (Android development),
    - PHP Laravel (Web Development)
    - React.JS (Front End)
    - node.JS (Back End)
    - mySQL (Database)
- **Languages:**
    - English (converstional),
    - Indonesia (native)
- **Certifications:** Machine Learning, iOS development with Swift, Laravel 11 Courses

- **Tools :**
    - VSCode
    - XCode
    - Firebase
    - Postman
    - Github

*Word with underline are clickable