



WILSON PRAJNAWIRA

Aspiring Software Engineer |
Programming & System Design
Enthusiast

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CONTACT

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LANGUAGES

Indonesian – Fluent

English – Intermediate

Mandarin – Intermediate

SKILLS

- **Programming Languages:** C, Python, Java, SQL, HTML, CSS, JavaScript
- **Frameworks & Libraries:** React JS, Node JS, Tailwind CSS
- **Data Science Tools:** Scikit-learn, Pandas, NumPy, Jupyter Notebook
- **Data Visualization:**

PROFILE

I am Wilson Prajnowira, a 4th semester undergraduate student majoring in Computer Science with a specialization in Artificial Intelligence. I am currently seeking opportunities such as projects or part-time jobs to enhance both my technical and interpersonal skills. I have a strong interest in software engineering, particularly in designing and building scalable systems, while still nurturing my enthusiasm for AI and machine learning. I continuously strive to broaden my knowledge and hands-on experience through various learning opportunities and real-world applications.

EDUCATION

Bina Nusantara University (2023 – 2027)

S1 Computer Science – GPA 3.34

Mastering Algorithms and data structures, Logic and basic programming, OOP, Exploratory Data Analysis (EDA), Data Preprocessing & Feature Engineering, Machine Learning Algorithms, Model Evaluation & Optimization.

RECENT ACTIVITIES AND EXPERIENCE

HIMTI Organization & Event Committee Experience

organization: HIMTI (Himpunan Mahasiswa Teknik Informatika) – Binus University

Role: Web Developer & Transport PIC – HISHOT 2025 Event

- Served as an active member of Komisi 3 Web Development, responsible for internal tech initiatives within HIMTI.
- Contributed as a web developer for the HISHOT 2025 event, focusing

Matplotlib, Seaborn

- **Concepts:** Exploratory Data Analysis (EDA), Data Preprocessing, Model Evaluation, Feature Engineering

on building the event registration and information website.

- Developed a responsive and user-friendly web application using React.js and Tailwind CSS, ensuring seamless participant registration and access to event details.
- Additionally assigned as the Person in Charge (PIC) of Transportation, coordinating technical and logistical needs related to crew and speaker mobility.

Project: WasteWise – DIY Recycling Web Application

Course: Software Engineering in Computer Science – BINUS University

Role: Full Stack Developer

- Developed WasteWise, a web-based platform that allows users to explore, upload, and watch DIY recycling videos categorized by material type.
- Built the frontend using React.js with Tailwind CSS, implementing responsive UI components including video listings, material-based search, pagination, and video detail pages.
- Integrated CouchDB for storing video metadata and user information, and implemented JWT-based authentication for secure user registration and login.
- Implemented file upload functionality with Cloudinary for video and thumbnail hosting, ensuring media assets are efficiently served and managed.
- Designed RESTful API using Node.js and Express to handle all backend operations, including video CRUD, authentication, and search by material.