



# WILSON PRAJNAWIRA

Aspiring AI Engineer |  
Programming & System Design  
Enthusiast

Jakarta Utara, DKI Jakarta, 14450

## 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, TensorFlow, Pytorch
- **Data Science Tools:** Scikit-learn, Pandas, NumPy, Jupyter Notebook
- **Data Visualization:**

## PROFILE

I am Wilson Prajnwira, a 5<sup>th</sup> semester undergraduate student majoring in Computer Science with a specialization in Artificial Intelligence. I am currently seeking opportunities such as internship opportunities and projects to enhance both my technical and interpersonal skills. I have worked on projects such as building a sentiment analysis model using IndoBERT to evaluate public opinion on policies and developing a computer vision system to detect whether waste materials are recyclable or not. In addition, I possess frontend development skills that allow me to create user friendly interfaces and integrate them with AI systems. 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 3.45

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 – HISHT 2025 Event

- Served as an active member of Komisi 3 Web Development,

<p>Matplotlib, Seaborn</p> <ul style="list-style-type: none"> <li><b>Concepts:</b> Exploratory Data Analysis (EDA), Data Preprocessing, Model Evaluation, Feature Engineering</li> </ul>	<p>responsible for internal tech initiatives within HIMTI.</p> <ul style="list-style-type: none"> <li>Contributed as a web developer for the HISHOT 2025 event, focusing on building the event registration and information website.</li> <li>Developed a responsive and user-friendly web application using React.js and Tailwind CSS, ensuring seamless participant registration and access to event details.</li> <li>Additionally assigned as the Person in Charge (PIC) of Transportation, coordinating technical and logistical needs related to crew and speaker mobility.</li> </ul> <p><b>Project: WasteWise – DIY Recycling Web Application</b></p> <p><i>Course: Software Engineering in Computer Science – BINUS University</i></p> <p>Role: Full Stack Developer</p> <ul style="list-style-type: none"> <li>Developed WasteWise, a web-based platform that allows users to explore, upload, and watch DIY recycling videos categorized by material type.</li> <li>Built the frontend using React.js with Tailwind CSS, implementing responsive UI components including video listings, material-based search, pagination, and video detail pages.</li> <li>Integrated CouchDB for storing video metadata and user information, and implemented JWT-based authentication for secure user registration and login.</li> <li>Implemented file upload functionality with Cloudinary for video and thumbnail hosting, ensuring media assets are efficiently served and managed.</li> <li>Designed RESTful API using Node.js and Express to handle all backend operations, including video CRUD, authentication, and search by material.</li> </ul>
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