


Bensfain Yose Tamba

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Summary

A fifth-semester Informatics student with a GPA of 3.90, proven ability to lead and innovate in competitive environments as a national hackathon semifinalist. Experienced in the development lifecycle of Mobile Applications (Java), Web Platforms (React, Node.js), and Machine Learning solutions (Python). Seeking a Software Engineer internship to further develop problem-solving skills by directly contributing to the development of innovative technology products.

Education

Universitas Pembangunan Nasional Veteran Jakarta **(2023 - Present)**
Bachelor's Degree of Computer Science, Informatics
Cumulative GPA : 3.90 / 4.00

Projects Experience

Semifinalist of HACKATHON TRACKAML PPAK 2025 **(June 2025 - Present)**

- Led a team of 5 people to the semifinals of a national-level hackathon by designing and developing "AMANA," an AI-powered application to enhance transparency and prevent money laundering in campaign funds.
- Contributed directly to the backend development using Python and Flask, and implemented a Machine Learning model with scikit-learn to detect transactional anomalies.
- Managed the project workflow, delegated tasks, and delivered a technical presentation of the solution to a panel of judges.
- Developing strong leadership, project management, and technical skills in a competitive, high-pressure environment.

HematAPP Mobile Application | Java, PHP, MySQL **(June 2025)**

- Engineered an app for Personal Finance Tracking
- Developed the Client-Side (Frontend) for Android using Java
- Developed the Server-Side (Backend) using PHP to manage business logic and user authentication.
- Designed and implemented a RESTful API for the client application and the server communication.
- Designed the MySQL database schema to manage and store user, transaction, and financial category data.

HematWeb - Personal Finance Tracker Website | React, Node.js, MySQL **(Dec 2024)**

- Led a team of 5 to design, develop, and deploy a full-stack web application that allows users to track their income and expenses.
- Architected the server-side (backend) and designed a RESTful API to handle business logic and CRUD operations using Node.js
- Designed the schema and managed the database using MySQL.
- Implemented key features such as a summary dashboard, a transaction entry form, and financial data visualization.

- Engineered a web application that allows users to compare predictions from Decision Tree Regressor and Linear Regression.
- Trained both models directly within the application's backend using a sample dataset with Python's Scikit-learn library.
- Constructed a responsive and interactive user interface Web using HTML and Bootstrap.
- Developed the backend using Flask to receive user input, choose the appropriate model, and serve the price prediction to the user.

Organizational Experience

KSM Cyber Security UPN Veteran Jakarta

Project Officer “Threat Thursday” Program

(June 2025 - May 2026)

- Led a cross-functional team in a weekly agile-like sprint to deliver the "Threat Thursday" digital content series.
- Developed and implemented a structured workflow that improved coordination across all stakeholders and streamlined content delivery.
- Boosted Instagram engagement, achieving a 112% increase in profile visits and successfully reversing negative growth trends within the final month of the program.
- Established comprehensive Standard Operating Procedures that standardized work processes and ensured consistent quality across teams.

Honor & Certificates

- Cisco Networking Academy (2022)

Skills

Programming Language: JavaScript, PHP, Java, Python, SQL

Framework & Libraries: React, Node.js, Express.js, Flask, Bootstrap, Scikit-learn

Database: MySQL

Tools & Platform: Git, Postman, VsCode

DevOps: Docker, Kubernetes

Soft Skills: Leadership, Time Management, Project Management, Public Speaking

Language: English, Indonesian

Personal Github

- <https://github.com/bensfain>