

# Josep Phyto Napitupulu

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## Summary

I am an IT enthusiast who has a passion for Software Development and Building, using computer science to solve real-world problems and improve people's lives. My strong curiosity and interest in this field has led me to explore different programming languages and tools, and I am always eager to learn more. I thrive in a collaborative environment and enjoy working with others to tackle complex challenges. I am highly motivated and driven, constantly looking for opportunities to improve my skills and contribute to meaningful projects. I am excited about the possibilities the future holds in this field and am committed to making a positive impact through my work.

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## Education

### **Del Institute of Technology (2021 - present)**

*Bachelor of Applied Software Engineering Technology - GPA 3.54*

### **SMAN 1 HABINSARAN (2018 - 2021)**

*Math and Science Major*

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## Work Experience

### **Soko Financial**

- *IT Full Stack (Mei 2024 – Juli 2024)*

SOKO Financial provides financial classes for high school and college students, in addition, SOKO Financial helps employees for one on one financial consultations.

- Developing, maintaining, and enhancing the performance of the company's website utilizing the Laravel framework.
- Defining the design and structure of web pages.
- Balancing functional design with aesthetic appeal.
- Ensuring the website is user-friendly across various devices such as smartphones, tablets, and desktops.
- Creating reusable code for future projects.
- Optimizing web pages for speed and scalability.
- Ensuring consistency of brand identity throughout the design.
- Implementing concepts using HTML, CSS, and JavaScript.
- Managing software workflow effectively.
- Performing thorough testing of the website to ensure functionality and addressing any bugs.
- Designing and maintaining database architecture.
- Overseeing website/application flow and functionality.
- Implementing and maintaining website/application security measures.

## **Kampus Tutor**

- ***Backend Developer*** (October 2023 – February 2024)

Tutor Campus is an online education platform.

- Designed, developed and maintained backend APIs using Golang programming language.
- Ensured API security and scalability to support application growth.
- Interacted with databases to store and retrieve data as required by the application.
- Collaborated with the frontend development team and other teams to ensure seamless integration between the frontend and backend of the application.
- Designed and executed API testing to ensure software reliability and quality using Postman.
- Participated in integration testing and end-to-end testing to ensure consistency and safety of the application.
- Assisted in building and maintaining microservice architecture.
- Designed, developed, and managed backend servers using Golang to ensure optimal reliability and performance.
- Worked in Agile process methodology

## **PT. Solusi Rahayu Indonesia/Bank Sampah Bersinar**

- ***Frontend Developer*** (September 2023 – December 2023)

Community-based Integrated Waste Management Education and Innovation Center.

- Design and develop responsive and aesthetically pleasing UI using HTML, CSS, and JavaScript.
- Ensure consistency of interface design according to company design guidelines.
- Collaborate with the backend development team, especially those using the Laravel framework, to integrate the user interface with the application backend.
- Consume APIs provided by the backend to display and update data in the user interface.
- Perform functional testing and cross-browser testing to ensure the quality of the user interface.
- Collaborate with the backend development team in debugging and resolving integration issues.
- Contribute to the improvement of user experience (UX) by providing input and creative ideas to improve the navigation and functionality of the application.
- Work closely with the frontend development team, backend development team, and other teams to ensure good coordination in app development.

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## **Projects Experience**

- *Created a Livestock distribution Mobile-Based Application – Creativity and Innovation Course Project* (October 2023 – December 2023)

Build a mobile-based application with development tools (Flutter, Android Studio, Visual Studio Code) through four sprints led by a Scrum Master with fullstack roles.

- *Evaluate tackling tactics and strategy NFL Big Data Bowl 2024(Kaggle) – Machine Learning Course Project* (October 2023 – December 2023)

Build a predictions through the data provided to determine a good strategy in an NFL game with development tools (Python, Anaconda(Jupyter), Google Colab) with roles Programmer.

- *Created an Application for determining the closest distance of goods distribution Web-Based Application – Advance Algorithm Course Project* (September 2023 – December 2023)

Build a web-based application with development tools (Flask, Python, Algorithm Particle Swarm Optimization, Visual Studio Code, Anaconda(Jupyter)) with fullstack roles.

- *Created a HKBP Palmarum Administration and Finance Website – Final Project 2 Course Project* (January 2023 – June 2023)

Build a web-based application with development tools (Laravel Framework, API using Golang, PHP, HTML, CSS, Java Script, Visual Studio Code) with three roles namely, Fullstack, Project Manager and UI/UX Designer.

- *Created a HKBP Palmarum Administration and Finance Mobile Application – Mobile Application Development Course Project* (February 2023 – June 2023)

Build a Mobile-based application with development tools (Kotlin, Android Studio) with two roles namely, Fullstack Mobile Developer and Project Manager.

- *Created a HKBP Palmarum Administration and Finance Dekstop Aplication – Object Oriented Programming Course Project* (March 2023 – June 2023)

Build a Dekstop Apps Application with development tools (Java, IntelliJ IDEA) with two roles Fullstack and Project Manager.

- *Created a Food Ordering Console Based Appliacion – Object Oriented Software Development Course Project* (October 2022 – December 2022)

Build a console based application with development tools (Java, NetBeans) with roles Programmer.

- *Created a Brew Brothers Coffee Ordering and Payment System Website – Final Project 1 Course Project* (January 2022 – June 2022)

Build a web-based application with development tools (Laravel Framework, PHP, HTML, CSS, Java Script, Visual Studio Code) with three roles namely, Fullstack, Project Manager and UI/UX Designer.

- *Created a Ticket Booking and Payment Bintang Laguboti Website – Web Development 2 Course Project* (March 2022 – June 2022)

Build a web-based application with development tools (Laravel Framework, PHP, HTML, CSS, Java Script, Visual Studio Code) with three roles namely, Fullstack, Project Manager and UI/UX Designer.

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## Organization

### Department of Science and Technology

- *Head of Department of Science and Technology* (July 2023 - Present)
  - Create events based on the goals and needs of the organization.
  - Divide tasks to each member of the organization for the event.
  - Provide direction regarding the needs and evaluation of each team in carrying out their dutie.

- Seeking relationships with other organizations to collaborate in carrying out the projects that will be carried out.

### **Radio Del Club**

- *Member of Online Division* (October 2022 – Present)
  - Handle and manage online content such as posts on websites, social media and streaming platforms.
  - Develop content publication schedules to ensure consistency and user engagement.
  - Ensure the sustainability and novelty of online content to attract the attention of target audiences.
  - Collaborate with internal team members such as creative, technology and production divisions to create cohesive and engaging content.
  - Contribute to the development of program formats that can be broadcast online.

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## **Computer Science Skill**

- Programming Languages : Golang, Java, PHP, Python, Kotlin, Flutter, C.
- Framework : Laravel, Flask.
- Web Development : HTML, CSS, JavaScript, Bootstrap.
- UI/UX Design : Figma (Mockup).
- Software Modeling : Bizagi Modeler, draw.io, Enterprise Architect.
- Platform : Apache Netbeans, Microsoft Office, JetBrains.

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## **Soft skills**

- Languages : Indonesian, English.
- Personality : Public Speaking, Critical Thinking, Communication, Leadership, Information Analysis, Creative and Collaboration team.