

SONYA YANTI KARUNIA SIPAHUTAR

Sumatera Utara, Indonesia | Phone: +6282277879737 | sonyasipahutar8@gmail.com | [linkedin.com/in/sonya-sipahutar/](https://www.linkedin.com/in/sonya-sipahutar/)

I have interest in learning new things about technology especially in software testing. Able to adapt quickly and comfortable working in a team or individually.

EDUCATION

Del Institute of Technology

Diploma 3 Information Technology

Laguboti, Sumatera Utara

August 2019 – October 2022

- GPA: 3.53
- 2d Secretary of Himpunan Mahasiswa Teknologi Informasi (HIMATIF) (2020 – 2021), Deputy Coordinator of Competitions Division of Himpunan Mahasiswa Teknologi Informasi (HIMATIF) (2021-2022), Member of the Design Division in Preparation for the Student Creativity Competition HIMATIF (2021)

Yayasan Anak Bangsa Bisa and GoTo

Back End Developer (Independent Study)

South Jakarta

February 2022 – July 2022

- Deeper understanding of OOP, web interface, building API, connecting database, creating MVC and relations between models, Unit Test and TDD (Test Driven Development) implementation, clean code and SOLID principles (Technologies: Ruby, Ruby On Rails, SQLite)
- Developed an API-based applications to manage Catering business in the final project using Ruby on Rails and implement Test Driven Development (TDD)

WORK EXPERIENCE

Lembaga Penelitian dan Pengabdian kepada Masyarakat (LPPM) IT DEL

Fullstack Developer Intern

Laguboti, Sumatera Utara

June 2021 - December 2021

- Perform requirements with clients and analyze the results
- Build a WordPress CMS to provide information about LPPM and perform data maintenance
- Build database and deployed LPPM's Website using Laravel
- Provided documentation

Del Institute of Technology

Student Teaching Assistant

Laguboti, Sumatera Utara

February 2022 – May 2022

- Course: Linear Algebra Course
- Assist Lecturer by providing tutorials every week

Astra Credit Company

Quality Control Intern

Jakarta Selatan, DKI Jakarta

August 2022 - Present

- Automation testing with Katalon
- Provided manual testing with System Integration Testing (SIT) Document, User Acceptance Testing (UAT) Document, Bug Documentation
- Load Testing using Jmeter

PROJECTS

Vaccine Tracker

Analyst, Programmer

March 2021 - May 2021

- A website to track vaccines from producers to public using .Net MVC
- Providing services for checking NIK user, vaccine confirmation, vaccine reports and vaccine registration using .NET WCF
- Recorded the application details and development process in Application Development Design Document

AlaTicket.com

Programmer

February 2021 - March 2021

- A website for booking ticket and the system implements Service Oriented Architecture (SOA) using PHP, HML, CSS, Java, Spring Boot

KnK Del

Programmer

November 2021 - December 2021

- A web-based application that aims to help Canteen and Cooperative of Del Institute of Technology
- Implement Microservice architecture using PHP as a Client, then using Spring Boot for the Service
- Used services are broken down into smaller ones that can stand alone
- The API Gateway used is the WSO2 API Gateway as an intermediary that connects the client with each available service

Implementation of Association Rules with Apriori Algorithm in Determining Customer Purchase (Dataset from Antoni Store)

Analyst, Programmer

September 2021 – June 2022

- Provide recommendations for related products to owners of Antoni Store that facilitate product merging, the result can be use for determine supply stock of products or making promotional packages
- Cleaning datasets using ASAP library Utilities in Microsoft Excel
- Build a website using PHP that implement Apriori Algorithm
- Using the dataset as an input, the website will display the process of calculation and the results of combination related items

ADDITIONAL EXPERIENCE AND AWARDS

- **1st place of IT DEL Campus Incubator Mini Challenge With Dilo**
- **3rd place of Himatif Coding Day 2021 contest**
- **Certification:**
Junior Web Developer - BPPTIK Kementerian Kominfo (2021)
- Participants of GEMASTIK 2021
- Participants of Shopee Code League 2020

LANGUAGES AND TECHNOLOGIES

- **Indonesia (Native), English (TOEFL ITP Score : 537)**
- **C; C#; Java; Ruby; SQL; HTML; CSS; PHP**
- **Laravel; Codeigniter; Ruby on Rails; Spring**
- **Visual Studio; Microsoft SQL Server; Eclipse**
- **Selenium; Postman; Junit; Katalon; Jmeter; UIPath**
- **Git**