

## Messya Carment

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As a fifth-semester Computer Science undergraduate at BINUS University, I'm passionate about data analytics and data processing. Additionally, I have skills in back-end development and actively apply my knowledge in practical projects. I am eager to contribute my skills and enthusiasm to teams that push the boundaries of innovation and problem-solving while continuously learning and growing in the field of technology.

## ORGANIZATION EXPERIENCE

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### Activist, Bina Nusantara Computer Club

November 2022 - October 2023

#### - Media Partner Staff of BNCC Techno Talk I

November 2022 - December 2022

- Become a contact person for media partner collaboration.
- Communicate and negotiate compensation with media partners.
- Create a cooperation agreement letter with media partners.
- Track and upload media partners compensation.

### Member LnT BNCC Back-End Development

September 2022 - October 2023

- Create CRUD projects for mid and final projects using Laravel.

## PROJECTS

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### Lancelot Website

February 2024 - June 2024

Lancelot is a user-friendly website designed to help job seekers effortlessly find and connect with freelance opportunities tailored to their skills and interests.

Contributions :

- Designing and developing a database to store user data and job listings.
- Building the back-end system using PHP with the Laravel framework to manage application logic and data processing.
- Integrating the front-end with the back-end to ensure seamless interaction between users and the system.

### VGG-19 for Pneumonia Detection in X-Ray Images

February 2024 - May 2024

Authored a research paper titled "Detecting Indications of Pneumonia from X-Ray Images Using VGG-19", which investigates the application of the VGG-19 deep learning model to enhance the accuracy of pneumonia detection in medical imaging.

Contributions :

- Research Paper : Authored the methods section, detailing the approach for detecting pneumonia from X-ray images.
- AI Model Construction : Conducted data preprocessing to prepare the dataset for model training, developed a custom VGG-19 model for pneumonia detection, and optimized the model's performance through evaluations, achieving an overall accuracy of 91.34%.

## EDUCATION

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### SMAN 56 Jakarta

2019 - 2022

- Science Class
- Overall Grade: 87.80/100

### BINUS UNIVERSITY

2022 - 2026

- Undergraduate, 3<sup>rd</sup> year of Computer Science Student
- Current GPA: 3.79
- Stream : Database Technology

## SKILLS

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### Programming Language:

- Java
- Python
- C
- PHP
- HTML
- CSS
- JavaScript
- PySpark
- SparkSQL
- SQL
- R

### Framework:

- Laravel
- Bootstrap

### Soft Skills:

- Critical thinking
- Problem solving
- Able to work in team
- Adaptability
- Negotiation
- Decision Making