



# RIZKY NATHAMAEEL SIMBOLON

+6281335035602 | rizkynathamael@gmail.com | <https://www.linkedin.com/in/rizky-nathamael-simbolon-1316aa182/> | <https://github.com/rizkynat>

Jln. Pandau Jaya, Desa Baru, Kec. Siak Hulu, Kab Kampar

Experienced Web Developer Committed to Creating Pure Quality Products

## Experience

**Jurnal Komputer Terapan - Politeknik Caltex Riau, Pekanbaru, Indonesia** Sep 2022 - Apr 2024

*Programmer (Freelance)*

Jurnal Komputer Terapan is a scholarly publication adhering to the standard format of the Indonesian language. It focuses on a diverse range of subjects, specifically Informatics, Information Systems, Computer Science, and the Internet of Things (IoT).

- Design UI/UX
- Make ERD
- Development and Deploy

**PT. Raksasa Laju Lintang (Ralali) - Jakarta Barat, Indonesia** Aug 2023 - Dec 2023

*Frontend Engineering (Internship)*

A company operating in the B2B sector that helps MSME businesses

- Make feature marketplace website
- Maintain mobile web
- Maintain PWA
- Make landing page using webflow

**Face Recognition System with IP Cam/CCTV (Lecturer Research)** May 2023

*Programmer*

This system is research on computer vision which aims to detect faces using IP Cam/CCTV. The result of this system is that the system can detect/recognize faces and count the number of students in the classroom. The models used are HOG, Har Cascade, and Tensorflow.

- Build and test different face recognition models (Development)
- Integrate with IP Cam/CCTV
- Test system in the classroom
- Release the system

**BeasiswaPCR (Lecturer Research)** Nov 2022

*Programmer*

BeasiswaPCR is a system application that Politeknik Caltex Riau scholarship predictions using KNN and Brute force algorithm. This is an implementation of research with the following copyright.

- Develop web as an interface with Laravel and Bootstrap
- Deploy machine learning as a web service with Flask framework

## Education Level

**Politeknik Caltex Riau - Pekanbaru, Indonesia** Sep 2020 - Sep 2024 (Expected)

*Diploma in Information Systems, 3.77/4.00*

**SMA Advent Pekanbaru - Pekanbaru, Indonesia** Jul 2017 - May 2020

*High School in Science*

## Organizational Experience

**PKM Coding As Shofa (Pengabdian Kepada Masyarakat) - Pekanbaru** Jun 2021

*Mentor*

IT teaching program for As Shofa junior high school students from the Sistem Informasi Politeknik Caltex Riau.

- Teach fundamental programming with scratch programming language
- Create a scratch presentation module
- Assess student assignments

**Panitia SILET ( Sistem Informasi Leadership Training )** Dec 2021

### Anggota Divisi Dokumentasi

SILET is a leadership training organization for new students of Sistem Informasi Politeknik Caltex Riau.

- Make Instagram filter using Spark app
- Make poster designs
- Create an event certificate design

## Skills, Achievements & Other Project

---

- **Programming Competition - IC-PROM UITM 2022** 🏆: Participate in Programming Competition Universiti Teknologi Mara, Malaysia.
- **Code Run 2021 - Algobash** 🏆: Participate in Programming Competition from Algobash.
- **Data Mining - GEMASTIK 2021** 🏆: Participate in Data Mining Competition from GEMASTIK.
- **Hackathon - KMIPN III 2021** 🏆: Participate in Hackathon.
- **Research** 🏆 (2021): Analysis of Public Opinion Sentiment on Covid-19 Vaccine on Twitter Social Media with Robustly Optimized BERT Pretraining Approach.
- **Project** 🏆 (2022): NerdTrans, desktop application where you can predict your vehicle's image using artificial intelligence with an accurate prediction level.
- **Project** 🏆 (2021): TuxCoffee, Web application for selling coffee equipment build from java servlet and bootstrap. This application based on requirement analysis from TUX COFFEE.
- **Programming Languages:** Python, Python, Javascript, Typescript
- **Tools:** Git, Visual Studio Code
- **Hard Skills:** Design, Debugging, Git, Typescript, Next.js, Laravel, Webflow, Responsive Design, Redux, Jest, Mysql, Repository Pattern, Tailwind, React.js
- **Soft Skills:** Hard Work, Problem Solving, Teamwork