

# Faikar Achmad Luthfi

Fresh Graduate in Chemical Engineering - Sustainable Energy and Environment



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## EDUCATION

### Chemical Engineering - Sustainable Energy and Environment

Swiss German University

08/2016 - 07/2020

Tangerang, Indonesia

#### Accomplishment

- Graduated with GPA of 3.19/4.00
- Graduated with thesis of 'System design and optimization of high temperature nuclear reactor and desalination coupling for remote areas' with score of 89/100

### Sustainable Energy and Environment

Ernst-Abbe Hochschule

08/2018 - 08/2019

Jena, Germany

#### Accomplishment

- Graduated on double degree program

### Full Stack Web Development

Binar Academy

05/2021 - 01/2022

#### Courses

- Front End Development with ReactJS and NextJS
- Back End Development with NodeJS and SQL (Postgres)

## WORK EXPERIENCE

### Intern at Raw Material and Products Analysis

PT Darmex Agro

02/2018 - 03/2018

Bekasi, Indonesia

Oil and fats processing company

#### Tasks

- Analyzing the products and raw material according to the company standards
- Monitoring the production line of palm oil refinery, for both fuel and cooking oil
- Learn and manage about waste water

### Intern at Waste Water Research Department

Ernst-Abbe Hochschule

01/2019 - 05/2019

Jena, Germany

University in Jena, Germany

#### Tasks

- Setting up and monitor lab-scale bio gas plant
- Researching waste water purification using electrolysis
- Daily lab work of monitoring COD and BOD of both treated and untreated waste water

## SKILLS

Postman API Platform

REST API

CSS3

HTML5

ExpressJS

NextJS

OpenAPI

Firebase

Heroku

RBDMS

SQL

PostgreSQL

Javascript

NodeJS

Redux

Scrum

ReactJS

CLI

Version Control

Python

Lab work

Research

Chemical Engineering

Renewable Energy

Plant Design

Microsoft Office

Water Treatment

## LANGUAGES

English

Full Professional Proficiency

German

Limited Working Proficiency

Bahasa Indonesia

Native or Bilingual Proficiency

## INTERESTS

Software Development

Back End Development

Front End Development