

## PERSONAL PROFILE

Data Science with 3+ years experience hands-on Machine Learning, Deep Learning, analytical person with high problem-solving skills and very communicative and fast learning person. Lately besides working, I'm doing some finance and business self organizer

## AREAS OF EXPERTISE

- Working knowledge of Python, R, SQL, Kubernetes, Hadoop
- Java, PHP, CI, Tableau experience
- Fast API, Flask API, Tensor serving, Docker Container experience

## OTHER SKILLS

- The ability to analyze complex technical information
- Detail oriented
- Excellent problem solver
- Fast learner
- Could read Documentation Well

## COURSE PROJECT

- [LSTM\(Long Short-Term Memory\) for Indonesia opinion for Covid-19 in twitter](#)
- [Implementing Deep learning CNN to dataset Cifar10 and FashionMnist](#)
- [Sentiment Analysis indo dataset](#)
- [Movie Recommender System](#)

- **More On:** [drive.google.com/firhanmr](https://drive.google.com/firhanmr)

## PUBLISHED PAPER

- [Emotion Classification on Indonesian Twitter Using Convolutional Neural Network \(CNN\) – ICOICT 2021, \(First Writer\)](#)
- [Indonesian ID Card Extractor Using Optical Character Recognition and Natural Language Post-Processing – ICOICT 2021, \(First Writer\)](#)

## WORK EXPERIENCE

### Full Time at Pertamina Megaproject Directorate of Processing and Petrochemicals

System Database Engineer | May 2022 – Present

- Conducted root cause analyses for project lesson learn
- Create massive axel formula for automation result and dashboarding
- Design template for Work procedure system website
- Reviewing work procedure system
- using asp runner, mysql, js, php for creating Work procedure system website
- Handling oracle aconex database
- Create various automation using python NLP for handling massive data vaccine
- Handling various reports and approval
- Handling personnel administration for vaccines on many PHM sites and online
- Reporting Moveable assets
- Creating chatbot for vaccination administration

### Business organizer

Self Organizer | June 2022 – Present

- Create a team for handling some project
- Leading team for work management using notion.so
- Leading team for doing projects include design, web projects and data science and also distribution

### Freelancer at ada indonesia, fiverr and rekan kerjaku

Data Science | April 2021 – May 2022

- Create various machine learning / deep learning model
- Create the documentation
- Create the API and deploy the model
- Finding insight into a dataset and creating solutions with ML/DL model

### Full time at 247

Deep Learning Engineer | April 2021 – April 2022

- Create and Deploy Feature Store
  - Deploy Feature store using kubernetes on centos7
  - Using hive for metadata store on feature store
  - Security and authentication of access to the feature store using JWT token on feature store
  - Integration with TensorFlow Extended (TFX) and MLflow

### Internship at DDB Telkom Smart Tribe Platform

Data Science | Sep 2020 – Mar 2021

- Hadoop conf
- Made commerce analytic MSO for Government
- Analytic for financing

### Fulltime at Lovia

Fraud Detection Data Science | Feb 2020 – Mar 2021

- Made application Indonesian ID card verification
  - Deploying KTP-OCR using kubernetes
  - Using ingress for KTP-OCR
  - Using JWT tokens for KTP-OCR.
  - Using sentry for KTP-OCR.
- Made recommender system using tf-idf

### Data Science LAB Telkom University, Bandung

Lead of Data Science Laboratory | Jul 2020 – Mar 2021

- Guiding study group in the data science knowledge
- Grading study group works
- Guiding study group to make a data science application
- Guiding study group to make research.

### IFLAB Telkom University, Bandung OOP

Practicum Assistant | Jul 2019 – Jan 2020

- Guiding students in Object-oriented programming the practicum
- Grading student's practicum works.
- Assisting students in the final project based on a real-life problem
- Language used: Java

## LICENSES AND CERTIFICATION

- Aconex document and drawing document management and communication module of Pertamina integrated project management system – Pertamina, Feb 2023
- Machine Learning & Data Science Foundations Masterclass, OCT 2020
- Python for Computer Vision with OpenCV and Deep Learning– Udemy, Feb 2020
- Data Visualization in Data Science using R –Dqlab, Des 2019
- Statistics using R for Data Science–Dqlab, Nov 2019
- Data Science A-Z™: Real-Life Data Science Exercises Included– Udemy, Dec 2018
- Runner-up Basketball Competition– Universe cup Unpad, 2019
- MVP DBL East Kalimantan series 2016

More licences, certification and Blogs On:

<https://drive.google.com/drive/folders/1HB4Jezpzw6DHXHqwieT1-7BXeDPE1fPh?usp=sharing>

<https://about.lovia.id/author/firhanmr/>