

# Nikki Satmaka

DATA ENGINEER · CLOUD ENGINEER

Jakarta, Indonesia

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“One machine can do the work of fifty ordinary men. No machine can do the work of one extraordinary man.”

## Education

### Hacktiv8

Jakarta, Indonesia

FULLTIME DATA SCIENCE BOOT CAMP (SCORE: 96.62)

Apr 2022 - Jul 2022

- Final project theme: Fintbot - Fintech Chatbot - Repository - Presentation

### PPM School of Management

Jakarta, Indonesia

B.ACC. IN BUSINESS ACCOUNTING (GPA: 3.74)

Sep 2011 - Oct 2015

- Thesis theme: Financial and Non-Financial Factors Effect on Bond Ratings

## Skills

<b>Domain Expert</b>	Finance, Investment, Math, Statistics
<b>Data Science</b>	NumPy, Pandas, Polars, Scikit-learn, Tensorflow, Keras
<b>Data Engineering</b>	Airflow, Kafka, Mage
<b>DevOps</b>	Alibaba Cloud, AWS, Google Cloud Platform, Docker, Terraform
<b>Back-end</b>	Flask
<b>Database</b>	SQL, Google Cloud Platform BigQuery, MongoDB
<b>Programming</b>	Python, Bash, LaTeX
<b>Tools</b>	Linux, Windows, MacOS, Visual Studio Code, Vim, Emacs, Google Data Studio, Heroku
<b>Languages</b>	English (IELTS Band 8.0), Indonesian
<b>Interests</b>	Chess, Powerlifting, Musical Theatre

## Experience

### PT Datasintesa Teknologi Nusantara

Jakarta, Indonesia

DATA ENGINEER

Sep 2022 - Present

- Design, implement, and improve existing data and analytics platform
- Engineered and maintained end-to-end data pipelines, integrating diverse data sources and ensuring seamless data flow
- Consult with project team to ensure the developed solutions match business needs
- Automated repetitive tasks and workflows using Bash scripting, improving operational efficiency

### PT Paman Ryan Indonesia

Jakarta, Indonesia

INVESTMENT ANALYST

Mar 2022 - Sep 2022

- Perform financial market research
- Conduct public workshops, seminars, and online webinars
- Create company presentations and courses
- Create market outlooks

### 9Academy Pte. Ltd., Member of FXPRIMUS Group

Jakarta, Indonesia

TRAINING MANAGER

Nov 2020 - Jan 2022

- Perform financial market research
- Conduct public workshops, seminars, and online webinars
- Create company presentations and courses

### PT Bursa Akselerasi Indonesia, Member of SF Capital

Jakarta, Indonesia

BUSINESS DEVELOPMENT

Sep 2018 - Nov 2020

- Evaluate, authorize, or recommend approval of credit loans to management.
- Analyze applicants' financial status, credit, and property evaluations to determine feasibility of granting loans
- Conduct public presentations regarding crowdfunding and peer-to-peer lending in accordance to The Financial Services Authority (OJK) Regulation.
- Review, design, and improve the system together with the IT development team
- Maintain relationship with partners and users

## PT Gaya Motor, Member of Astra

Jakarta, Indonesia

### FINANCE SUPERVISOR

Jan 2017 - Sep 2018

- Oversees the financial management of the company along with analysis of financial information.
- Manage account payables and receivable activities in a timely manner.
- Forecast cash flow positions, related borrowing needs, and funds available for investment
- Address financial issues and inquiries from internal and external customers
- Maintain banking relationship
- Ensure company's assets are fully insured
- Calculate assembly fee to ensure the business would have adequate margins

## Projects

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### Fake News Identifier

Jakarta, Indonesia

#### DATA SCIENTIST AND DEVELOPER

Jun 2022

- Notebook
- Web-app
- My milestone project during my time at Hacktiv8 FTDS Bootcamp
- This project was done to practice NLP classification using neural network machine learning model
- Tools used: Tensorflow, Keras, NumPy, Pandas, Seaborn, Streamlit, Flask, Heroku

### Sticky Customers Operation

Jakarta, Indonesia

#### DATA SCIENTIST AND DEVELOPER

Jun 2022

- Notebook
- Web-app
- My milestone project during my time at Hacktiv8 FTDS Bootcamp
- This project was done to practice neural network machine learning model
- Tools used: Tensorflow, Keras, NumPy, Pandas, Seaborn, Streamlit, Flask, Heroku

### Den Den Mushi Campaign

Jakarta, Indonesia

#### DATA SCIENTIST AND DEVELOPER

Jun 2022

- Notebook
- Web-app
- My milestone project during my time at Hacktiv8 FTDS Bootcamp
- This project was done to practice supervised machine learning model
- Tools used: Scikit-learn, NumPy, Pandas, Seaborn, Streamlit, Flask, Heroku

## Certificates

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2023 **AWS Certified Cloud Practitioner - Foundational**, Amazon Web Services (AWS)

2023 **Alibaba Cloud Certified Big Data - Professional**, Alibaba Cloud

2023 **Alibaba Cloud Certified Database - Associate**, Alibaba Cloud

2023 **Alibaba Cloud Certified Cloud Computing - Professional**, Alibaba Cloud

## Writing

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### Quantitative Finance is Now for Everybody

Medium.com

#### Co-AUTHOR

Jun 2022

- An article on medium.com

### Simple Trading Simple Investing

Indonesia

#### Co-AUTHOR

Feb 2021

- A book about trading and investing
- Goodreads