Nikki **Satmaka**

Data Scientist · Quantitative Investment Analyst

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   *Apr 2022 - Jul 2022*
- Final project theme: Fintbot - Fintech Chatbot

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

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

Experience

PT Paman Ryan Indonesia   *Jakarta, Indonesia*
Investment Analyst   *Mar 2022 - Present*
- Perform market research
- Handle workshops, seminars, and events as well as online webinars
- Create company presentations and courses
- Create market outlooks
- Work alongside marketing to make sure events are organized as planned
- Maintain all training schedules
- Provide training to clients on use of platforms, members area, features, and terminologies

9Academy Pte. Ltd., Member of FXPRIMUS Group   *Jakarta, Indonesia*
Training Manager   *Nov 2020 - Jan 2022*
- Handle workshops, seminars, and events as well as online webinars
- Create company presentations and courses
- Work alongside marketing to make sure events are organized as planned
- Maintain all training schedules
- Provide training to clients on use of platforms, members area, features, and terminologies
- Provide coaching and guidance to Sales team
- Perform market research
- Travel to attend expos, seminars, training meetings
- Cooperate between sales, trainers, and marketing department to improve sales performance and speed up business growth

PT Bursa Akselerasi Indonesia, Member of SF Capital
BUSINESS DEVELOPMENT

Jakarta, Indonesia
Sep 2018 - Nov 2020

- Evaluate, authorize, or recommend approval of credit loans to management.
- Meet with applicants to obtain information for loan applications and to answer questions about the process.
- Analyze applicants' financial status, credit, and property evaluations to determine feasibility of granting loans
- Give public presentations regarding crowdfunding and peer-to-peer lending in accordance to The Financial Services Authority (OJK) Regulation.
- Perform account reconciliation activities on periodic basis.
- Provide accounting support and prepare payment vouchers for projects' disbursements users' fund withdrawals
- Communicate with debtors' regarding upcoming payment schedule
- Review, design, and improve the system together with the IT development team
- Maintain relationship with partners and users

PT Gaya Motor, Member of Astra
FINANCE SUPERVISOR

Jakarta, Indonesia
Jan 2017 - Sep 2018

- Oversees the financial management of the company along with analysis of financial information.
- Perform account reconciliation activities on periodic basis.
- 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

Gama Plantation
TREASURY STAFF

Jakarta, Indonesia
Jan 2016 - Dec 2016

- Create daily and quarterly market insights report
- Execute currency exchange trades
- Predict how the markets would move
- Monitor hedge positions
- Create and update Mark-to-Market report

Allianz Life Indonesia
BUSINESS EXECUTIVE

Jakarta, Indonesia
Jan 2015 - Dec 2015

- Develop a database by using referrals, occupational, and communities to compile lists of prospects.
- Approach potential clients by utilizing emails, phone calls, and prospecting tools
- Identify clients' specific needs and financial situation by means of fact-finding appointments
- Develop a personalized protection plan based on clients' needs

PwC Indonesia
RISK ASSURANCE SERVICES - VOCATIONAL EMPLOYEE

Jakarta, Indonesia
Dec 2014 - Jan 2015

- Perform CAATs using audit software such as ACL (Audit Command Language) and Microsoft Excel
- Ensure the system-generated General Ledger balance has the same amount as the manually calculated one
- Check the journal records to see if there are any unusual entries based on the criteria provided by the Financial Audit team

Projects

Fake News Identifier
DATA SCIENTIST AND DEVELOPER

Jakarta, Indonesia
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
DATA SCIENTIST AND DEVELOPER

Jakarta, Indonesia
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

The Look Commerce Report

Jakarta, Indonesia

DATA SCIENTIST

Jun 2022

- Google Data Studio
- My project during my time at Revou Mini Course – Intro to Data Analytics
- This project was done to practice SQL BigQuery and Google Data Studio
- Tools used: SQL, Google Data Studio, GCP BigQuery

Supermarket Sales Analysis

Jakarta, Indonesia

DATA SCIENTIST AND DEVELOPER

Apr 2022

- Notebook
- Web-app
- My first milestone project during my time at Hacktiv8 FTDS Bootcamp
- This project was done to practice exploratory data analysis (EDA), visualization and statistical tests.
- Tools used: NumPy, Pandas, Seaborn, Plotly Streamlit, Heroku

Writing

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