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Experience

MACHINE LEARNING ENGINEER | BRI | OCT'21 - PRESENT

- Create end to end machine learning pipeline process from code versioning, data engineering, EDA, modeling, deploying model and finally monitoring the existing models.
- Create a dashboard for monitoring models performance so we can give reports and alerts if something happens to the business team.
- Develop Dashboard BRIMO Payment Reminder to notify users directly to their phone number and increase billing payment up to 1 M per month.
- Implement and maintain Cloud base services like databases and workbenches for Data Engineer, Data Analyst, & Data Scientist using Google Cloud Platform.
- Implement RAG (Retrieval Augmented Generation) for Sabrina Chatbot using LLM (Large language Model)
- Reducing Sabrina Chatbot Fallback rate up to 9% from 25% per February 2024
- Increasing Sabrina Chatbot Satisfaction rate up to 70% from 58% per February 2024
- Developing project WISE (Working Instruction Service Excellent) for helping frontliners, CS & Agent to answer complaint from user using LLM (Large language Model)
- Improved WI (Working Instruction) access speed of a tool kit handling customer problems from 5-15 minutes to less than 5 minutes up to 3x time faster using LLM (Large language Model)

MACHINE LEARNING ENGINEER | ALODOKTER | APR'19 - SEP'21

- Make a chatbot to predict user intention and give the suggested result under confirmation with the doctor so we can reduce the cost for medical consultants up to 60 %.
- Make sentiment analysis from review doctors so we can give better performance reviews to doctors.
- Tagging user questions with name entity recognition so we can reduce about 80 % manual tagging process.

- Collaborated with various stakeholders for end to end model implementation.

PYTHON ENGINEER | LEADBOOK | MAR'19 - APR'19

- Scraping website company profile to create database from scraping results Using Python, Scrapy, MySQL, MongoDB after that we can suggest the best leads to clients.

DATA SCIENCE PROGRAM | PURWADHIKA STARTUP & CODING SCHOOL | NOV'18 - FEB'19

- Make a project to classify people who are addicted to drugs into 3 type classes such as indica, sativa, and hybrid.
- Predicted the model based on the data that I got from kaggle.com using Machine Learning Model.
- Create a dashboard from existing data to get more insight from raw data.

ELECTRONICS ENGINEER INTERNSHIP | ANGKASA PURA II | DEC'16 - JAN'17

- Maintenance Electronics stuff such as television, telephone, router, cctv, fire alarm, etc.
- Monitoring the sensor from the controlling room system and creating reports on a daily basis.

Education

DATA SCIENCE PROGRAM | PURWADHIKA STARTUP & CODING SCHOOL | NOV'18 - FEB'19

- FINAL PROJECT : 9/10

ELECTRONICS INSTRUMENTATION | UNIVERSITAS GADJAH MADA | 2014 - 2018

- GPA : 3.4/4.0

Technologies

PROGRAMMING LANGUAGES

Python	CSS	HTML	C#	Shell Script	yaml	Excel
C++	Arduino	Matlab	SQL	Cmd	dockerfile	Golang

DATA, PLATFORMS, TOOLS

MongoDB	MySQL	PowerBI	Tableau	GCP	BigQuery
AutoML	Dialogflow	Jupyter	Anaconda	VS Code	Comvis
VertexAI	AWS	Azure	Google Data Studio	Cloudera	
Docker	Kubernetes	Jenkins	SonarQube	Bitbucket	Github
Superset	Kibana	MLFlow	Spark	Hadoop	Azure Open AI
Azure AI Search	Azure Blob Storage	LLM	RAG	JIRA	
Confluence	Sagemaker	ECS	EKS	Lambda	S3
Redshift	BigQuery	Dataflow	Azure ML	Synapse	Spark
Airflow	Weights & Biases	DVC	Kubernetes	Hugging Face Transformers	
PyTorch	Scikit-learn	TensorFlow	Grafana	WandDB	Selenium
FastAPI	Flask	TorchServe	GitHub Actions	GitLab CI/CD	
Hadoop	Kafka	Flink	XGBoost	Feast	Beautifulsoup4

Certifications

- Data Science Program from Purwadhika Startup and Coding School.
- Google cloud machine learning from Google Cloud Platform Certified.
- Kubernetes from Google Cloud Platform Certified.
- Learn MySQL - For Beginners from Udemy Certified.
- SQL Masterclass: SQL for Data Analytics from Udemy Certified.
- Data Science and Machine Learning using Python - A Bootcamp from Udemy Certified.
- Become a Probability & Statistic Master - A Bootcamp from Udemy Certified.
- Big Data Modeling and Management Systems from Coursera Certified.
- Developing Data Models with Looker from Google Cloud Platform Certified.
- Google Cloud Big Data and Machine Learning Fundamentals from Google Cloud Platform Certified.
- Data Warehousing with BigQuery for Storage Design, Query Optimization, and Administration from Google Cloud Platform Certified.