ADE ARIEF SETIAWAN

Kota Bekasi, Indonesia · ariefade99@gmail.com +62896-3301-6935

SUMMARY

I hold a Bachelor's degree in Computer Engineering. My skills include frontend and backend application and web development using frontend programming languages such as Node.js, Next.js, React.js, and Java, as well as backend programming languages such as Java, Go, and Node.js. I also have expertise in data processing for analytical purposes using tools such as SSIS, NiFi, and Python. Additionally, I have experience applying machine learning techniques using models such as XGBoost, LSTM, Prophet, SARIMA, and ARIMA.

TECHNICAL SKILLS

- Languages : Go Language, Node JS, Next JS, React JS, JavaScript, Java, HTML, Python, SQL, Non SQL.
- Technologies : Android Studio, Git, Github, Bitbucket, Bamboo CI/CD, Docker, DBeaver, SQL Server, MySQL, Clickhouse Database, SSIS, Jupyter, Google Colab, Nifi, Grafana, Figma, Canva, Postman, Linux, Windows, VS Code, UI Path.
- Other : Algorithms Prophet, Algorithms XGBoost, Algorithms LTSM, Database Structures, Project Management.

PROJECTS

- **_Development Application Monitoring Operations Ops Vision:_**
  I develop and enhance the Ops Vision application, which is used to monitor flagship applications at Bank Rakyat Indonesia by detecting any anomalies that occur in the components of these flagship applications.
- **_Forecasting Transaction BRINETS :_**
  I perform forecasting on transaction data to analyze the trend for the next day and determine whether the transactions will increase or decrease. This analysis is used to detect anomalies in BRINETS transactions at Bank Rakyat Indonesia, enabling proactive decision-making before any incidents occur in the transaction process.
- **_Enhancement Anomaly Detection ATM Transactions :_**
  make improvements in making predictions for the next 7 days, which are used to detect anomalies that occur in a transaction, and are used to make faster and more accurate decisions.
- **_Perancangan Aplikasi Penyewaan Sepeda Listrik O'lala di Jatiasih Berbasis Android_**
  : The Project is a final assignment project using the Java programming language, operating using mobile and using the REST API with data storage using the phpMyAdmin database. YouTube
- **_Sistem Showroom dan Sewa Mobil Berbasis Java Netbeans_** : The Project is an Intern assignment using the Java programming language, operating using mobile and using the REST API with data storage using the phpMyAdmin database. Youtube
- **_Create UI Tugas KKP_**: create a UI display for a workshop booking service application created in Android concept using Figma, and the UI is applied in an Android application that is being developed Figma

EDUCATION

INDRAPRASTA PGRI OF UNIVERSITY
August 2018 - August 2022
Bachelor of Computer, Informatics Engineering
- 7/7 semesters, 3.53/4.0 GPA.
- Thesis: *Perancangan Aplikasi Penyewaan Sepeda Listrik O'lala di Jatiasih Berbasis Android*.

WORK EXPERIENCE

PT. Bank Rakyat Indonesia
Mei 2024 - Now
Frontend and Backend Developer
- I develop the Ops Vision application used by operators to monitor flagship applications at Bank Rakyat Indonesia, detect anomalies in the monitored applications, and provide insights for further action.
- Tools and Technologies : Node JS, Next JS, React JS, Go, VS Code, Bitbucket, Bamboo CI/CD, Grafana

Data Engineer
- I perform data processing to analyze problems and support decision-making for determining the appropriate actions to be taken.
- Tools and Technologies : SQL Server, Clickhouse Database, Python, VS Code, Nifi, DBeaver, XGBoost, LTSM, SARIMA, ARIMA

PT. Bank Rakyat Indonesia
Maret 2024 - Mei 2024
Internship Data Scientist
- Carrying out Enhanced Anomaly Detection ATM Transactions, which will be used to determine whether anomalies occur in ATM transactions, and visualize them on Grafana.
- Tools and Technologies : Cyber Ark, Python, SQL Server Management Studio, VS Code, Algoritma Prophet by Facebook, XGBoost, LTSM, SARIMA, ARIMA, Grafana

PT. Anugerah Sarana Dinamika
Juni 2022 – January 2024
Admin IT Support & Junior Programmer
- Carrying out maintenance on systems that are already running in the company.
- Created a tool used to detect driver fatigue SLIFA, which has been running to date.
- Tools and Technologies : Yolov5, Mini Computer Raspberry PI 4, Mini Computer Orange PI 5, Linux, Ubuntu, Database SQL, Github, Nomachine, MobaXterm, PHP, C++.

PT. Anugerah Sarana Dinamika
Juni 2022 – January 2024
Service Advisor
- Carry out planning for each activity that will be carried out every day for each employee
- Created offering vehicle repairs to Customers or Client
- Evaluate every job that has been completed by the mechanic

- Recap documents at the end of each month, to make a monthly report

PT. Anugerah Sarana Dinamika
February 2022- April 2022
Backend Developer Intern
- Develop an Android based and booking service application to make it easier for customer, mechanics and staff
- Tools and Technologies : Android Studio, Java, Postman, PhpMyAdmin, Figma, BlueStacks 5

CERTIFICATIONS

- RevoU Mini Course Data Analytics
- Pelatihan 5R & Safety
- Python for Data Professional Beginner
- Perkenalan Aplikasi Pentaho Data Integration: Job dan Transformation
- Multidimensional Modeling: Fact dan Dimension Table (Pentaho)

LANGUAGE

- Bahasa (Native)
- English (Limited Working Proficiency)