Yusril Albi, B.Cs

Back End Engineer | Machine Learning Engineer | Data Engineer
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SUMMARY

I am an accomplished student with a scholarship background throughout my university studies. As a Back-End Engineer trainee at Shopee, I gained practical experience, as a research automation, supported by Univ. Pertamina - Petronas matching grant, has equipped me with expertise in Machine Learning. Serving as a Data Engineer at BRI, I contributed to data-driven solutions. Backed by multiple certificates, I have successfully executed projects involving Restful API, Time Series data, Web Scrapping, and lead project by project in my career, showcasing my problem-solving skills.

EXPERIENCES

		General Task
PT Samsung R&D - Indonesia	**Jakarta, Indonesia**	I am responsible for developing an application and improvement, adheres strictly to clean architecture principles, implements algorithms with optimal complexity, and fulfills all specified requirements, all while upholding the highest standards of clean code practices.
Global Data Engineer – Full Time	*Apr 2024 – Present*	
PT Shopee International - Indonesia	**Jakarta, Indonesia**	
Back End Engineer - Trainee	*Aug 2023 – Nov 2023*	
PT Bank Rakyat Indonesia (BRI)	**Jakarta, Indonesia**	
Data Engineer - Intern	*Sept 2022 - Mar 2023*	
Service Education DKI Jakarta	**Jakarta, Indonesia**	
Mentor Informatics – Part Time	*Jan 2020 - Present*	

EDUCATIONS

Bangkit Academy led by Google	**Jakarta, Indonesia**
Machine Learning – TensorFlow Certified 📖	*Feb 2022 - July 2022*
Universitas Pertamina	**Jakarta, Indonesia**
Bachelor of Computer Science (Cumlaude), Full Scholarship	*Aug 2019 - Aug 2023*

- **Informatics Competition & Competitive Programming – National Level (Ex:** 📖**)**
  - **1st Place in Olimpiade Sains Mahasiswa (OSM), FUSC, OSSN, FOHKN, BIMAGE, etc.**
  - **Honorable Mention in Hology 4.0**

PROJECTS

Hybrid Model for Asset Integrity – Research 📖	**2023**
Work as ML Researcher on the project funded with $6,000 (Univ. Pertamina-Petronas).	
Tech stack: Machine Learning, Time Series, LSTM, RNN	*Hash Table, Heap*
E-Commerce (Full Requirements) – Website	**2023**
Assign as Led for final project and work as a Back-End Engineer in the Shopee Trainee Program.	
Tech stack: Go (Golang), Gorm, Gin, Redis, PostgreSQL, SMTP, Cron Job, etc.	*BST, Trie, Quick Sort*
FV Classification - Android	
Work as Full Stack Developer in the capstone project for Bangkit Academy led by Google.	**2022**
Tech stack: Machine Learning, Android Studio, Google Cloud Platform	*Knapsack Algorithm*

SKILLS

BE Engineer: Go (Golang), C++, Gorm, Gin, Redis, Kafka, PostgreSQL, MongoDB, gRPC, protobuf, NoSQL, etc.
Data Engineer: SQL Server, SSIS, SSMS, ETL, Grafana, Kibana, Web Scrapping, Database Migration, etc.
ML Engineer: Python, NumPy, Pandas, TensorFlow, PyTorch, NLP, LSTM, RNN, DNN, Time Series, etc.
Other: Teamwork, Time Management, Teaching, Proactive Learning, Growth Mindset, etc.

CERTIFICATIONS

Google: IT Automation with Python, Crash Course on Python, etc.	**Certificates** (02/2022 - Present) 📖
IC London: Mathematics for Machine Learning Certificate, etc.	**Certificates** (03/2022 - Present) 📖
DeepLearningAI: TensorFlow Developer, TensorFlow Data and Deployment, etc.	**Certificates** (04/2022 - Present) 📖
Hackerrank: Problem Solving Intermediate, SQL Intermediate, etc.	**Certificates** (07/2021 - Present) 📖
Sololearn: Python for Data Science, SQL, C++ etc.	**Certificates** (02/2022 - Present) 📖
Dicoding: Machine Learning Mastery Evaluation, Kotlin Foundation etc.	**Certificates** (03/2022 - Present) 📖
GeeksForGeeks: Python Facts, etc.	**Certificates** (12/2021 - Present) 📖

LANGUAGE

Indonesia	**Native**
English	**TOEFL 647** (Listening 48/50, Structure&Written 38/40, Vocabulary 47/50) 📖