# A person taking a selfie Description automatically generated**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**

**Samsung R&D Jakarta, Indonesia**

*Global Data Engineer – Full Time Apr 2024 - Present*

**Shopee International Jakarta, Indonesia**

*Back End Engineer - Trainee Aug 2023 - Nov 2023*

**Banking Industry - PT BRI** **Jakarta, Indonesia**

Largest & Widest Bank in Indonesia

*Data Engineer - Intern Sept 2022 - Mar 2023*

**Service Education** **Jakarta, Indonesia**

*Mentor Informatics – Part Time Jan 2020 - Present*

**Achievements**

* Crawled 1 million E-Commerce Data
* Handled more than 2 billion data per-scheduled using Amazon Web Service
* Covered 90%++ unit test Airflow (.py)
* Implement new model architecture in oil & gas industry for forecasting asset integrity
* Implement log monitoring using ELK
* ≥ 5 times 1st place in informatics Olympiad

**EDUCATIONS**

**Bangkit Academy led by Google** **Jakarta, Indonesia**

*Machine Learning –* [*TensorFlow Certified* **[A blue light with a cursor pointing at a computer screen

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**Universitas Pertamina (*Pertamina University*)** **Jakarta, Indonesia**

*Bachelor of Computer Science (Cumlaude), Full Scholarship*

* **Informatics Competition & Competitive Programming – National Level (Ex: [A blue light with a cursor pointing at a computer screen

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**• 1st Place in Intercollegiate Olympiad of Informatics:s OSM, FUSC, OSSN, FOHKN, BIMAGE, etc.**

**• Honorable Mention in Hology 4.0**

**PROJECTS**

[**Hybrid Model for Asset Integrity – Research [A blue light with a cursor pointing at a computer screen

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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 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**

Handled Responsibilities of a 6 member team as a Full Stack at Academy led by Google. **2022**

*Tech stack: Machine Learning, Android Studio, Google Cloud Platform Knapsack Algorithm*

**SKILLS**

**BE Engineer:** Go (Golang), C++, BaaS, Redis, Kafka, PostgreSQL, MongoDB, API, node.js, NoSQL, etc.

**Data Engineer:** SQL Server, AWS, Airflow, 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:](https://www.linkedin.com/in/yusrilalbi/details/certifications/489447659/multiple-media-viewer/?profileId=ACoAAC_FJxQB3xiz5DOqwb3o5wrU1dz-yKvMpvY&treasuryMediaId=1711694511275)** [IT Automation with Python, Crash Course on Python, etc.](https://www.linkedin.com/in/yusrilalbi/details/certifications/489447659/multiple-media-viewer/?profileId=ACoAAC_FJxQB3xiz5DOqwb3o5wrU1dz-yKvMpvY&treasuryMediaId=1711694511275) **[Certificates](https://www.linkedin.com/in/yusrilalbi/details/certifications/489447659/multiple-media-viewer/?profileId=ACoAAC_FJxQB3xiz5DOqwb3o5wrU1dz-yKvMpvY&treasuryMediaId=1711694511275)** [(02/2022 - Present)](https://www.linkedin.com/in/yusrilalbi/details/certifications/489447659/multiple-media-viewer/?profileId=ACoAAC_FJxQB3xiz5DOqwb3o5wrU1dz-yKvMpvY&treasuryMediaId=1711694511275) **[[A blue light with a cursor pointing at a computer screen

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[**Imperial London:** Mathematics for Machine Learning Certificate, etc. **Certificates** (03/2022 - Present) **[A blue light with a cursor pointing at a computer screen

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[**DeepLearningAI:** TensorFlow Developer, TensorFlow Deployment, etc. **Certificates** (04/2022 - Present) **[A blue light with a cursor pointing at a computer screen

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[**Hackerrank:** Problem Solving Intermediate, SQL Intermediate, etc. **Certificates** (07/2021 - Present) **[A blue light with a cursor pointing at a computer screen

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[**Dicoding:** Machine Learning Mastery Evaluation, Kotlin Foundation etc. **Certificates** (03/2022 - Present) **[A blue light with a cursor pointing at a computer screen

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[**Sololearn:** Python for Data Science, SQL, C++ etc. **Certificates** (02/2022 - Present) **[A blue light with a cursor pointing at a computer screen

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**LANGUAGE**

**Indonesia Native**

**English** [**TOEFL 647** (Listening 48/50, Structure&Written 38/40, Vocabulary 47/50) **[A blue light with a cursor pointing at a computer screen

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