# 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**

**PT Samsung R&D - Indonesia Jakarta, Indonesia**

*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*

**General Task**

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.

**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** **Jakarta, Indonesia**

*Bachelor of Computer Science (Cumlaude), Full Scholarship Aug 2019 - Aug 2023*

* **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 Olimpiade Sains Mahasiswa (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 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:](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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[**IC 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 Data and 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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[**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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[**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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[**GeeksForGeeks:** Python Facts, etc. **Certificates** (12/2021 - 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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