

# Muhamad Nazmi Bin Yusri

## Data Engineer

Selangor, Malaysia 47810 | +601156354462

[nazmiyusri6@gmail.com](mailto:nazmiyusri6@gmail.com) | <https://nazmiyusri.github.io>

## SUMMARY

---

Passionate and motivated data engineer with skills in data management and analysis. Completed a professional data engineering certificate and possess knowledge in data structures, algorithms, and database management. Strong communication and problem-solving abilities, quick learner, and eager to expand skills. Seeking full-time role as Junior Data Engineer to contribute to company success and grow professionally.

## EXPERIENCE

---

### Applied Data Engineer and Digital Leadership Program

Oct 2022 - Feb 2023

#### Data Engineer

- Selected as one of 34 participants for an extensive 4-months job-ready professional training program funded by Yayasan Peneraju to develop the core skill sets of a data engineer.
- Explored SQL for data modeling, database management, and querying data.
- Learned about ETL and ELT processes and tools for data integration and processing, such as Apache Kafka.
- Learned to design and implement data pipelines using tools such as Kafka.
- Explored big data processing frameworks such as Hadoop and MapReduce for distributed data processing.
- Learned about data warehousing and data lake concepts and technologies, such as Apache Spark, Apache Hadoop and Apache Hive.
- Learned to use programming languages such as Python for data manipulation and analysis, including libraries such as Pandas, NumPy and Matplotlib.
- Explored data visualization and reporting tools, that is similar to Tableau, Power BI, and Looker.

### Urban Explorer Sdn Bhd - Shah Alam

Feb 2021 - Present

#### GIS Technical Executive

- Successfully involved in GIS data digitizing and planning for TNB Low Voltage (LV) Assets Management Project in Banting, Sepang and Seberang Jaya.
- Conducted research on 3D modelling software and hardware using 360 panoramic and drone images.

## EDUCATION

---

### The Pennsylvania State University - State College, USA

Sep 2017 - May 2020

Bachelor of Science (B.S.) - Geoscience; CGPA 3.5

- Conducted thesis research about a Taiwanese river morphology upon frequent typhoon using data analysis from drone data and utilizing various 3D GIS platforms including ArcGIS, Agisoft Photoscan and CloudCompare.

## CERTIFICATIONS & SKILLS

---

- Applied Data Engineer and Digital Leadership Program
- Google Cloud Big Data & Machine Learning Fundamental  
(Skills: Cloud Storage, BigQuery, DataFlow, Pub/Sub, BigQuery ML, AutoML & Vertex AI)
- Data Analytics and Machine Learning Using Python  
(Skills: Machine Learning & Python)