

NURUL HAZLIN BINTI ZULKIFLI

Klang, Selangor, Malaysia

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Website

LinkedIn

Portfolio

PROFESSIONAL SUMMARY

Statistics graduate with over 3 years of professional experience in Geographic Information Systems (GIS), geospatial technologies, and data analytics. Experienced in developing GIS applications, managing and transforming geospatial data, automating workflows using Python, and delivering technical solutions with QGIS, FME, Postgres (+PostGIS), and Power BI.

Passionate about leveraging geospatial technologies and data analytics to solve real-world problems while continuously expanding expertise in GIS, software development, and automation.

WORK EXPERIENCE

IT Analyst/System Analyst

GIS Innovation Sdn. Bhd.

October 2022 – Present

GIS Development & Data Management

- Develop and manage 3D geospatial datasets using OpenSpace3D, QGIS, and FME.
- Perform data cleaning, transformation, validation, and organization for geospatial datasets.
- Generate and maintain Malaysia 3D GIS data and related workflows.
- Conduct research and development (R&D) on open-source GIS technologies including QGIS, GeoServer, Postgres (+PostGIS), and Leaflet.
- Manage GitHub issue tracking and technical documentation.

Software Development

- Design, develop, test, and maintain Python-based QGIS plugins to automate GIS workflows and improve productivity.
- Build and maintain GIS web applications and web mapping solutions using WordPress.
- Customize VTiger invoice and quotation templates to improve operational efficiency.

Testing & Documentation

- Perform User Acceptance Testing (UAT) and communicate testing results with clients.
- Prepare technical documentation, workflow documentation, installation guides, and user manuals.
- Document GIS processes and GitHub issue tracking for development projects.

Technical Support

- Provide technical support during webinars, workshops, training sessions, and client implementations.
- Troubleshoot technical issues and assist users with GIS-related solutions.

Design & Marketing

- Design posters, presentations, user guides, marketing materials, and training resources using Canva and Shotcut.
- Coordinate with printing vendors to ensure high-quality production of printed materials.

IT Intern

Hospital Tengku Ampuan Rahimah (HTAR)

March 2022 – July 2022

- Delivered frontline IT support and troubleshooting assistance to hospital staff.
- Conducted data validation and quality assurance testing to maintain system integrity.

- Participated in user acceptance testing for hospital information systems.
- Supported colleagues in coordinating and executing Hari Raya celebrations.
- Collaborated with team members to configure audiovisual equipment for hospital events.
- Developed an analytical dashboard to track and visualize helpdesk performance metrics.
- Contributed to the planning and execution of various departmental initiatives.

Cashier

Mydin Klang

January 2017 – March 2017

- Managed customer transactions and payment processing efficiently.
- Provided friendly customer service and assistance to shoppers.
- Responded to customer inquiries and provided product information.
- Accurately handled cash transactions and maintained register accountability.
- Ensured checkout area remained organized and presentable at all times.

EDUCATION

Bachelor of Science (Hons.) in Statistics

Universiti Teknologi MARA (UiTM) Seremban 3, Negeri Sembilan

May 2020 – August 2022

Minor in Big Data Analytics

CGPA: 3.05

Diploma in Statistics

Universiti Teknologi MARA (UiTM) Raub, Pahang

May 2017 – April 2020

CGPA: 3.47

MUET: Band 3

SPM (2016)

1A, 3A-, 1B+, 2C+, 1D

PMR (2014)

2A, 4B, 2C, 1D, 1E

TECHNICAL SKILLS

GIS & Geospatial

- ▶ QGIS
- ▶ FME
- ▶ GeoServer
- ▶ Postgres (+PostGIS)
- ▶ OpenSpace3D
- ▶ Leaflet

Programming

- ▶ Python
- ▶ SQL
- ▶ R
- ▶ SAS
- ▶ Oracle

Data Analytics

- ▶ Power BI
- ▶ IBM SPSS
- ▶ RapidMiner
- ▶ Microsoft Excel

Web Development

- ▶ WordPress
- ▶ GitHub

Design & Multimedia

- ▶ Canva
- ▶ Shotcut
- ▶ GIMP
- ▶ Inkscape
- ▶ HitFilm Express

Productivity Tools

- ▶ Microsoft Office
- ▶ LibreOffice

LANGUAGES

- **Malay** (Native)
- **English** (Professional Working Proficiency)

CERTIFICATIONS

- Introduction to QGIS
- SAS Programming

EXTRACURRICULAR ACTIVITIES

- Konvensyen KIK Pelajar KOR HPD234 (2018)
- Kangaroo Math Competition Malaysia (2016)
- Kejohanan Petanque Piala Angkasa Peringkat Negeri Selangor (2015–2016)
- DTP Kursus Kepimpinan Bakal Ketua Pengawas (2015)

REFERENCES

Lyes Mokraoui

Geospatial Consultant

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Noorezatty Mohd Yusop

Pensyarah Kanan

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