SAHARIL ARSHAD

Address   : No.215, Felda Jengka 24, 26400,
                    Bandar Jengka, Pahang Darul Makmur.

E-mail   : saharilarshad@gmail.com

Contact No. : +60 16-6180682

PERSONAL INFORMATION

Full Name	: SAHARIL BIN ARSHAD
Identification Card No.	: 900721-06-5407
Age / Date of Birth	: 21/07/1990
Marital Status	: MARRIED
Nationality	: MALAYSIA
Race / Religion	: MALAY

CAREER OBJECTIVE

- **To be expertise in Web Application & GIS Side**

WORKING EXPERIENCE

2020 – Now 2023 :   **Company: SIMPLE ADVANTAGE SDN BHD (Malaysia)**

Position: GIS ANALYST/DATABASE ENGINEER/WEB DEVELOPER
+ (GIS)

Responsibilities:

- **Develop Web Application Sarawak Smart Farming (SSF).**
- **Involved in a team Develop Web Application, Integrated Regulatory Information System (iRIST).**
- **Involved in a team Develop Web Map Application (SmartKadaster).**
- **Set Up GIS Team for Government Project.**
- **Re-evaluate & Do a Research on Terra Explorer + Skyline (Skyline Globe Server) Product for 3D Mapping.**

- **Geo-Spatial Data Transformation & Management included 2D, 3D, 360° Street View, Indoor Mapping & Strata Building.**
- **Converting 3D Data from CityGML format to 3D Tiles.**
- **Exploring Cesium Ion & Cesium Technologies for Mapping.**
- **Set Up Web Map Service (Geoserver) as an Engine to Serve Data Mapping to the Web Application.**
- **Set Up & Develop GIS Databases inside Postgres SQL + Postgis.**
- **Storing GIS Data into Database using Python Application + Jupyter Notebook.**
- **Develop from scratch Web App Mapping Application for POC Bernas Malaysia. Included from (GIS Data, Data Storing in Database, Data Publishing into Web Map Service, Develop BackEnd (NodeJS) & FrontEnd (ReactJS).**

2016 – June 2020 :   **Company: DATTEL SDN BHD (Malaysia, Thailand & Indonesia)**

Position: Team Lead for GIS ANALYST/GIS DATABASE

Responsibilities:
- **Set Up Base of GIS Team at The Headquarters Office at Malaysia.**
- **Set Up GIS Desktop Data Sharing between desktop for three countries (Malaysia,Thailand,Indonesia).**
- **Spatial Data Development for three countries (Malaysia,Thailand,Indonesia).**
- **Detect & Analyze Panelist Tracking**
- **Develop the base point for FDA to do the Survey.**
- **Verify & Analyze all survey data that was collected.**
- **Mapping Demographic data for three countries (Malaysia,Thailand,Indonesia).**
- **Generate Tiering Region/Location Based on Income Level, Density & Area**
- **Did Geocode/Reverse Automation**
- **Build Spatial Database in Postgres (GIS Database)**
- **Collecting POI Data (Scraping)**
- **GIS Data Processing (Desktop & PostgreSQL)**
- **Commercial Area Identification & Digitizing**
- **ETL Process of GIS Data**
- **Developed Basic GeoPortal to See GIS Data on WEB using Python**

Django

- **GIS Spatial & Attribute Processing in Python**
- **Build & Standardize Based Map (Administrative/Political/Local Council)**
- **Consumer Terminal/Voyager (Location Vertical)**

2014   :   **Company: TEKNOLOGI KBSE SDN BHD (Malaysia)**

Position: Team Lead for GIS ENGINEER

Responsibilities:

- **Digitizing, Data Updating, site verification, data quality checking for JUPEM.**
- **Data publishing using geoserver, postgres database.**
- **Landuse Data Collection, Prosesing, Data Entry, Updating, Verification, Data Cleaning and Seamless for I-Plan system for JPBD.**
- **Site verification to every shareholder involved all states in Malaysia.**
- **Irrigation data development for JPS.**
- **Helping Developer team on database side for PTPK Project.**

EDUCATION

2010 - 2013   :   MARA UNIVERSITY OF TECHNOLOGY
Bachelor of Surveying Science and Geomatics
Final CGPA: 2.95

2008 - 2010   :   MARA UNIVERSITY OF TECHNOLOGY
Bachelor of Surveying Science and Geomatics
Final CGPA: 3.15

SKILLS SETS

Software Skills	Proficiency
FME	Intermediate
ARCGIS	Intermediate
QGIS	Intermediate
MAPINFO	Intermediate
TABLEAU	Intermediate
Microsoft Office (Words, PowerPoint, Excel)	Intermediate
Cesium Ion	Experienced
Terra Explorer	Intermediate
GEOSERVER	Experienced
SKYLINE GLOBE SERVER	Intermediate
POSTMAN	Intermediate

Programming/Sql Language Skills	Proficiency
ReactJS	Intermediate
NextJS	Intermediate
NodeJS	Intermediate
Postgres SQL + Postgis	Intermediate
MySQL	Intermediate
Python + Jupyter Notebook	Intermediate
Tailwind CSS	Intermediate
Material UI(MUI)	Talented
Styles Components	Experienced
LeafletJS	Intermediate
OpenLayersJS	Talented
MapboxJS	Intermediate
CesiumJS	Talented
MongoDB	Intermediate
HTML	Intermediate
CSS	Intermediate
JAVASCRIPT	Intermediate

Language Skills	Written	Spoken
Bahasa Malaysia	Fluent	Fluent
English	Intermediate	Intermediate

AWARDS / ACHIEVEMENTS

2015 : Best GIS Application Developed Using Open Sources Technology (NGIS Award)

2020 : Consumer Terminal/Voyager Platform

2020 : Best Company Staff Performance.

2021: Innovative Staff Performance.

PERSONAL CHARACTERISTICS

Highly motivated.

Cheerful personality.

Good team player.

REFERENCES

- Razali
  Chief Technical Officer
  +6019-333 9038
  razali@simpleadvantage.com