MUHAMMAD ARIFF IZZHAM

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Recent Intelligent System Engineering graduate with software development experience, transitioning to **AI** and **Data Science**. Strong foundation in NLP and software development, with passion for **machine learning** and **data engineering**. Self-driven professional eager to apply technical skills in AI-focused roles.

PROFESSIONAL EXPERIENCE

TM Research & Development, Cyberjaya, CA   Sept 2024 – Present
Junior Software Development
- Developed and maintained user-friendly front-end components using Angular.
- Collaborated with back-end teams to integrate APIs and ensure smooth data flow in applications.

Enygma.ai, Kuala Lumpur, KL   Mar 2024 – June 2024
Software Engineer, Intern
- Trained new model for Object Detection and labelling about 1000+ images
- Assisted Sr. Software Engineer in developing system in non-critical part
- Deployed S3, CDN and Lambda Functions in the AWS Console using Terraform

Kotak Sakti, Kuala Lumpur, KL   Aug 2023 – Sept 2023
Software Engineer, Intern
- Developed custom OpenAI prompt to retrieve and process data, improving data processing efficiency by 25%.
- Managed data in PostgreSQL databases, including CRUD operations and transformations.
- Built web applications with a strong focus on data visualization using Sigma.js.

UiTM Green Centre, Shah Alam, SA   Sep 2021 – Feb 2022
Software Engineer, Intern
- Enhanced user engagement by creating visually appealing dashboards
- Optimized data accessibility by achieving a 30% improvement in data flow from MySQL DB to Power BI, ensuring a streamlined and efficient data processing pipeline
- Designed an interactive UI that improved user engagement and user satisfaction.

EDUCATION

Universiti Teknologi MARA**,** Shah Alam, SA   Mar 2022 - June 2024
Bachelor Information System (Hons.) Intelligent System Engineering, AI & Data
- Achieved Dean List for the whole semester
- Running Sport Athlete, College representative

Universiti Teknologi MARA**,** Raub, Pahang   Jul 2019 - Feb 2022
Diploma in Computer Science
- Achieved dean list for 2 Semester
- Developed Student Verification System for HEA and success generate letter and help 3000 student at the time
- Increasing the efficiency and reduce time and workload for the letter verification

SKILLS & OTHER

Back-end : Python (Django), PHP, Typescript
Front-end : React.js, Nuxt, Angular, Vue
Database : PostgreSQL, MySQL, HeidiSQL, SQL
Cloud : AWS S3, Azure Data Lake Gen 2, Azure Data Factory
Other : Power BI, Git, Github, Terraform, Docker, Airflow

SIDE PROJECT

Stadium Data Engineering

Tools : Airflow, Azure Data Lake Gen 2, Azure Data Factory, Python, Azure Synapse, SQL
- Developed an end-to-end data pipeline to process stadium data from Wikipedia
- Implemented data ingestion, data transformation, and data loading using Azure Services

Text Classification Interest Based On Location

Tools : Tweet Harvest, Power BI, Python
- A project decoding user interests based on location.
- Developing dashboard using Power BI to visualize the descriptive data.

Student Validation Letter

Tools : PHP, HTML, CSS, MySQL
- Developed a streamlined Student Validation Letter System for efficient approval of student letters, including verification and end-of-study documents.
- Developing SMTP to send letter through email to each student who applied for it.
- Using FPDF to create letter in PDF including signature from the admin

CERTIFICATION

Google Data Analytics

Coursera, Google
- Learned basic Data Analytics in a real work experience
- Utilized knowledge in Cleaning, Analyzing and Visualization

REFERENCES

En. Erhan Azrai
CEO Kotak Sakti - Data
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