

VICO KING

Software Engineer

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EXPERIENCE

FUSIONEX GROUP SDN. BHD.

FULL STACK DEVELOPER INTERN

- Develop and maintenance deployed video analytic object detection tool and data analytics tool project.
- Fixed encountered bugs, ad-hocs and revamp untidy codes on time with VueJS, ASP.NET Core and Python.
- Used multiple SQL and NoSQL DBMS e.g. PostgreSQL, MySQL, ElasticSearch, MongoDB, etc.
- Trained 12 brands' logo for video analytic object detection tool.
- Participate in developing the product for international companies

SCHOOL PROJECT

PLANTLINK: CROP SUGGESTION IOT SYSTEM

FINAL YEAR PROJECT

- Built Website based system to receive various crops sensor through ESP8266 with Django.
- Implemented web socket using AWS WebSocket API to accommodate Real Time system feature.
- Displayed crop suggestion analysis and ranking using Random Forest Classification Model.
- Visualized Sensor input buy building chart using Chart.JS

MULTIPERIOD PRODUCTION SMOOTHING SYSTEM

PROJECT MANAGER AND DEVELOPER

- Led a team of 4 to develop dynamic web-based system specializing in solving production forecasting.
- Apply Feature-Driven Development agile method to supervise and develop the system using Jira.
- Applied Linear programming algorithm 'PULP' from python library.
- Applied SMTP for feedback feature
- Utilizing Django Python framework and Tailwind CSS framework for the UI.
- Ranked 5th out of hundreds of teams in UTM FC Startup 22 event.

ONLINE MEDICAL CENTER AND EMERGENCY RESPONSE SYSTEM

DEVELOPER

- Develop Java-based web by utilizing Spring Java MVC and MySQL for the DBMS and Spring Tool Suite as IDE.
- Contribute by developing the CRUD function for BMI Calculator, Profile management and Medicine e-commerce.

EDUCATION

UNIVERSITI TEKNOLOGI MALAYSIA

Bachelor of Computer Science, Major in Software Engineering; CGPA: 3.55; latest GPA:4.00

Johor, Johor Bahru

Graduate in Nov, 2024

PROFESSIONAL CERTIFICATE

MICROSOFT CERTIFIED: AZURE AI FUNDAMENTALS

ISSUED BY MICROSOFT JAN 2023

CREDENTIAL : [HTTPS://WWW.CREDLY.COM/BADGES/28126280-D566-47C4-B2CA-70F8F1332B0F/LINKED_IN_PROFILE](https://www.credly.com/badges/28126280-d566-47c4-b2ca-70f8f1332b0f/linked_in_profile)

ADDITIONAL INFORMATION

- Programming Languages: C++, Java, Python, R, and PHP
- Development: HTML, CSS, JavaScript, Express, ReactJS, NodeJS, Django, Tailwind CSS, Spring Java MVC
- DBMS: MySQL, MongoDB, PostgreSQL
- Version control: Git
- Soft Skills: leadership, problem solving
- Spoken Language: Indonesian, English, Malay, and Mandarin