YE THU HLAING

CONTACT

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PROFILE SUMMARY

An IT enthusiast having 3+ years of programming experience with Entreprenurship mindset. Adept at producing top-notch ideas and coding skills. Eager to leverage the AI-driven solutions to manufacturing industry and society

TECHNICAL SKILL

- Python, C#, JavaScript, Unity
- GitLab, Docker, Kubernetes, Jenkins
- MongoDB, ExpressJS, React, NodeJS,
- Microsoft SQL server, MySQL, Postgres

PERSONAL SKILL

- Attention to details
- Tenacious character and learning attitude
- Exploring challenges
- Conflict resolution
- Problem solver
- Committed to working as part of a team

ACHIEVEMENT

- Awarded the third consecutive well-rounded student through rigorous selection process, 1 of 87 students selected in Myanmar (2018 – 2020)
- Acknowledged as one of the nationwide full-mark achievers in Physics (2020)
- Awarded $2000 for the diploma in computing, NCC education (2020)
- Selected as a district representative for National Mathematics Olympiad (2020)
- 4th place Township's English talk-show held by the Myanmar Anti-Narcotics Association (2017)
- Nominated as a township's representative for English proficiency contest (2016)

LANGUAGE

- Burmese – Native
- English – Fluent
- Finnish – Basic
- Japanese – Basic

REFERENCES

Available upon request.

EDUCATION

Bachelor of Industrial Information & Technology – 2022

Lappeenranta University of Applied Sciences, Lappeenranta

- Implemented the servo robotic arm with the Computer Vision for Sunrob robotics oy
- Working on movement analytics software for the Sports and Health Care Department of LAB AMK
- Executed the Real-time Environmental Simulation demonstrating the Digital Twin Technology
- Developed the Digital Twin project about Smart Car Parking system with Unity

UK Level 4 Diploma in Computing – NCC education (2021 – 2022)

Knowledge, Management & Dedication (KMD) institute, Yangon

- Developed a cross-browser compatible "Vintage Rally Club" website with accessible features
- Software development techniques and Design patterns
- Implemented the normalization, Entity Relationship diagram & Hotel Reservation system Database
- Wrote the detailed report about the requirement of IT sector in Garment manufacturing company
- Created the Customer Survey program with C# with MSSQL database implementation

PROJECTS

RenewaSim Digital Twin

- Created the Wind Turbine 3D model with Blockbench
- Implemented the RestAPI to fetch the real-time weather data
- Simulate the environment, wind speed and daylight cycle with weather data

Smart Car Parking System Digital Twin

- Designed the animation and 3D model of the Parking Lifting
- C# Scripts to automate the parking lift when the car is detected

Movement Analysis Application for Ergonomic and sport purposes

- Make an interactive UI with Tkinter for LAB Health Care and Social Services Department
- Use python libraries - pandas, Numpy, Matplotlib for analysis and graphical visualization
- Give fast feedback to an athlete from analysis based on threshold values

Robotic Arm with AI-powered Computer vision

- Trained the custom AI model with 1000 images to grasp the certain objects
- Deploy the model into the power-efficient ESP32 Cam for SunRob robotics Company project

EXTRA-CURRICULAR ACTIVITIES

Digital Skills 4 Success Erasmus+ Training in Berlin, Germany (Chance)- May, 2023

- Seminar on Social Media Marketing, top-notch trending technology and Artificial Intelligence
- Workshop for project management tools, digital tools

New Reality Erasmus+ Training in Toila, Estonia (MTU)- January, 2023

- Develop skills of resilience, stress resistance, empathy, emotional intelligence
- Discuss about awareness of the issue about mental health

P.O.W.E.R. Up Erasmus+ Program in Szeged, Hungary (YOPA) – August, 2022

- Develop the competences combating racism through intercultural dialogue by using art in youth work
- Exchange culture, Debates, presentation, role-plays, simulations, outdoor activities

Collaborator in AI & ML supporting platform, Omdena – December 2022

- learn and work remotely in Singapore Local Chapter - AI Powered Workout using Machine Learning
- Collaborate in Omdena Warsaw Local Chapter Project "Mitigating air pollution in Poland

Vice president in High School (Student Council) – June, 2018

- planned monthly school activities with the authorities
- organized the scheme of collecting funds for charity