

ROTANAKPICH NGET

FRESH GRADUATE



CONTACT

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SKILLS

- Frontend Development:** HTML, CSS, JavaScript, UI/UX Design, Responsive Layouts
- Backend & Tools:** Python, Flask, MongoDB, REST APIs, Git, Express, Node.js, OAuth, Docker, Tmux, Nginx
- Cloud & Deployment:** DigitalOcean, MobaXterm, Load Balancing, Snapshots, Security Configuration
- Business Intelligence & Analytics:** Excel, SQL, Tableau, Data Cleaning & Visualization, Hugging Face

COMPETENCE

- Collaboration & Teamwork
- Problem Solving
- Communication
- Adaptability
- Leadership & Initiative
- Time Management



PROFILE

Recent Management of Information Systems graduate with a strong foundation in data analytics, artificial intelligence, and full-stack development. Skilled in transforming raw datasets into actionable insights using tools like Python, SQL, Excel, and Tableau, and experienced in developing AI-powered systems with Natural Language Processing (NLP) and machine learning pipelines.

Passionate about leveraging data and intelligent systems to solve real-world problems, enhance user experience, and drive innovation. Adept at working in collaborative environments with a proactive mindset, and always eager to apply advanced analytics and AI solutions to business challenges.



EDUCATION

High School Diploma

Beltei International School | 2019 - 2021

Bachelor Degree in Management of Information System

Paragon International University | 2022 - Present



PROJECTS

Development of AI Chatbot for Campus Inquiries

Team Lead & NLP Engineer

Capstone Project - Python, Flask, Rasa, MongoDB, HTML/CSS, Telegram API

- Developed and deployed an AI-powered chatbot to answer student inquiries about academic policies and services at Paragon International University.
- Built NLP pipeline using Rasa with DIET classifier and entity recognition.
- Integrated chatbot with Telegram and Web UI, with secure login using Google OAuth.
- Designed and managed a MongoDB knowledge base for real-time query resolution.
- Deployed system using Docker on DigitalOcean VPS with session persistence using Tmux.
- Collected and labeled training data; performed iterative model fine-tuning for improved accuracy.
- Evaluated usability with TAM3-based survey; system received positive feedback on ease-of-use and reliability.

LANGUAGES

- Khmer (Native)
- English (Fluent)

REFERENCES

- Sreyteav Sry, Head of the Department of MIS, Paragon, ssry@paragoniu.edu.kh

Emergency Alert System

Team Lead & Full-Stack Cloud Developer

Team Project - HTML, CSS, JS, Cloud Hosting, DropletDB

- Developed a cloud-hosted system for delivering real-time emergency alerts with a secure backend and responsive UI.
- Designed and implemented a relational database using SQL for storing alerts, user activity logs, and system health checks.
- Applied load balancing, firewall rules, and snapshot backups for high availability and system resilience.
- Contributed to system optimization through performance testing and scaling strategies.

TaskShare - Collaborative Task Manager Web App

Solo Project - HTML, CSS, JavaScript, Node.js, Express, MongoDB

- Developed a full-stack task management platform for teams and study groups to organize, track, and collaborate on tasks.
- Designed task categorization and user activity logging using SQL to query and filter productivity trends.
- Integrated full CRUD operations with personalized dashboards, user authentication, and intuitive task filtering.
- Developed data export functions using Excel-compatible reports for summary statistics (e.g., completed tasks per user).
- Focused on optimizing UX through responsive layout and server-side rendering (EJS) with clean RESTful architecture.



EXTRACURRICULAR ACTIVITIES

MIS Datazone 2024 - Mentor & Media Team Member

Paragon International University - May 2024

- Mentored a team of participants of high school and university students during a two-day data analytics bootcamp focused on descriptive analysis, storytelling, and Excel data visualization.
- Assisted in media production and content creation for the event's promotion across platforms like Facebook, Telegram, and Discord.

Paragon Youth Club (PYC) - Media Member

2022 - 2023

- Contributed to initiatives that promote leadership, community service, and teamwork among students.
- Contributed media team including making posters, videos, and photoshoots.

Paragon Chess Club

2022 - 2023

- Regular participant in club activities promoting strategic thinking, patience, and concentration.
- Engaged in casual matches and small-scale tournaments within the university community.