Sopagnarith SEAM

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Portfolio: Seam Sopagnarith

EDUCATION

Kirirom Institute of Technology, Graduated with Bachelor's Degree in Software Engineering and Silver Medal in Outstanding Academic Performance

2018 – 2022

New Generation School of Preah Sisowath High School, Ranked 'A' in National High School Diploma

2016 – 2018

EXPERIENCES

Jobify Cambodia | November 2022 - Present

Full-stack developer (Full-time)

Projects:

- Jobify Mobile Application
- Jobify Web Application

Job Responsibilities:

- Work with React Native as well as Redux and Saga in order to develop mobile application
- Work with Amazon Web Service (AWS) services such as: EC2, S3, Cloudwatch…etc. in order to deploy and maintain website and backend infrastructure
- Work with various types of testing such as unit test (Jest) and load test (k6.io)
- Work with Node.js and MySQL in order to maintain job portal backend
- Work with FastAPI (Python) and Gunicorn in order to maintain machine learning model for job matching.

Kirirom Digital Cambodia | October 2021 - Present

Backend Developer and Project Leader ("Intern")

Projects:

- Chatlearn - Instant Messaging App with Grammar Correction
- Covid Traveler – A mobile app for checking travel restrictions during Covid era
- Job Matching – tinder™ styled

Job Responsibilities:

- Worked with Text-to-Text Transfer Transformer (T5) machine learning model to construct grammar correction module
- Led a team of four members in developing the entire app within 10-week span
- Worked with backend frameworks such as: Node.js, NestJS, Laravel and FastAPI, and frontend frameworks such as: NextJS, ReactJS, React Native...etc.
- Worked with Google Cloud Platform infrastructure to deploy apps
- Worked with SwaggerAPI for API Documentation

Sky Asia Network | January – June 2022

Full-time Webmaster (Remote)

Projects:

- [ENE Job Solution Website](#)
- [LBC Biz Website Localization](#)
- [Diamond Bedding Website](#)
- [Sky Asia Network Website](#)

Job Responsibilities:

- Developed websites with HTML, CSS, PHP and Wordpress
- Designed the user interface (UI) for the websites
- Deployed and maintained websites with OVH Cloud Hosting and CPanel
- Communicated with clients for requirements gathering and analysis
- Worked with ABA Payway Sandbox Integration

KCyberOp | October 2019 – August 2021

Cyber Security Specialist ("Intern")

Job Responsibilities:

- Worked with various SIEM tools: Graylog, Elastic, Splunk, wazuh...etc.
- Conducted audit within the internal network and developed solutions for associated risks
- Developed various cyber security resources for internal knowledge sharing

Developed internal network incident response plans

TRAININGS

Cyber Security Bootcamp

Kirirom Institute of Technology | January 2020 – February 2020

- Linux Foundation
- Metasploit framework, Aircrack-ng, Wireshark and Nmap tools

Artificial Intelligence Bootcamp

Kirirom Institute of Technology | August 2019 – September 2019

- Minimax Algorithm
- OpenCV, Keras, Scikit-learn and TensorFlow libraries
- Decision Tree, Naïve Bayes and KNN algorithms

Python Bootcamp

Kirirom Institute of Technology | June 2019 – July 2019

- Python Foundation
- Recursion Algorithm
- Backtracking Algorithm

SKILLSETS

- **Computer Languages:**
  - Scripting: Javascript, HTML, CSS, PHP, TypeScript
  - Backend: NodeJS, FastAPI, Laravel, NestJS,
  - Frontend: ReactJS, React Native, Tailwind, NextJS, Blade, Bootstrap,
  - Programming: Python, Java, C

- **Languages:**
    - Khmer: Native
    - English:
        - IELTS 7.0 (Test Year: 2018)
        - C2 English Writing by [Emmersion](#) (Test Year: October 2022)
        - C1 – C2 English Speaking by [Emmersion](#) (Test Year: October 2022)
- **DevOps:**
    - Cloud infrastructure: Amazon Web Service (AWS), Google Cloud Platform (GCP), Godaddy
    - Operating System: Ubuntu, CentOS
    - Database: MySQL, MongoDB
    - Testing: Jest.js, k6.io, Apache JMeter
    - Version Control System: Github, Git