Sopagnarith SEAM

Senior Software Engineer

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Github | LinkedIn | Portfolio

OVERVIEW

I'm Sopagnarith, a results-driven Software Engineer with a strong background in modern JavaScript technologies. I love learning new technologies and finding innovative solutions to meet evolving business needs.

TECHNICAL SKILLS

Development: ReactJS, NodeJS(Express, Nest), C#(.NET), Python(FastAPI), Material UI, Bootstrap, Tailwind, Redux, HTML, CSS, Javascript, Typescript.

Other: Firebase, Jira, MongoDB (Atlas, Realm), SQL, Github, Jenkins, Docker, Kubernetes, Playwright, k6.io, JestJS, Linux, AWS (EC2, S3, Cloudwatch, IAM), GCP (Compute Engine, Firebase, IAM).

TECHNICAL EXPERIENCE

Prudential Cambodia - *Senior Supervisor, Application Development and Support*

March 2023 - Present

- Spearhead the development of a new POS system frontend for Cambodia and Myanmar, reducing system downtime and manual work by 90% and 70%, respectively. The project won Project of the Year for 2023.

- Develop applications for lead management, policy servicing, and customer servicing in Cambodia and Myanmar, with dynamic configuration practice.

- Integrate applications with core system and banking partners, resulting in smooth data exchange and complete customer information.

- Contribute to the decommission of legacy systems, cutting operational costs by 65% while enhancing reliability and performance.

- Oversee deployment of applications from Staging to Production.

- Mentor team members, promoting a culture of knowledge sharing.

- **Technology Used** : ReactJS, Javascript, Material UI, Bootstrap, Zustand, AngularJS, MongoDB (Atlas, Realm), C#(.NET), Python, SQL Server, Jenkins, Docker, Kubernetes, Firebase, Jira, Bitbucket, Github, Microsoft Azure.

Kirirom Institute of Technology - *Full-stack Developer (Contract)*

September 2021 - March 2023

- Developed a job portal mobile app and an AI-powered job matching system for a sponsored company, improving reliability by 75%.

- Led a team of 3 engineers to build and launch a real-time chat app with a writing assistant in 3 months.

- Developed backend services with ExpressJS, NestJS, MongoDB, and SQL for efficient data storage and retrieval.

- Managed infrastructure with AWS (EC2, S3, Cloudwatch) to ensure high availability and scalability.

- **Technology Used** : React Native, Redux, GCP, NodeJS(Express, Nest), Google T5 Model, AWS, SQL, MongoDB, Python, GunJS, JestJS, k6.io, Godaddy.

Kirirom Institute of Technology - *Cyber Security Researcher (Contract)*

September 2019 - September 2021

- Contributed in security audits, reviewing system configurations, access controls, and encryption methods for compliance with best practices.

- Managed network monitoring by working with SIEM tools, analyzing network traffic and investigating suspicious activities.

- **Technology Used** : Wireshark, Linux, Metasploit, Graylog, ELK Stack, Splunk.

EDUCATION

Kirirom Institute of Technology - *Bachelor of Software Engineering*

November 2018 - December 2022

New Generation School of Preah Sisowath High School - *Grade A*

October 2016 - August 2018