

Sopagnarith SEAM

Software Engineer

Phnom Penh, Cambodia

Tel: 012-895-886

Email: sopagnarithseam@gmail.com

[Github](#) | [LinkedIn](#) | [Portfolio](#)



OVERVIEW

Enthusiastic and detail-oriented Software Engineer with a passion for creating responsive and user-friendly web applications. Proficient in modern frontend technologies, with a strong foundation in React. Adept at working with different technologies to deliver high-quality solutions.

TECHNICAL SKILLS

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

DevOps: Playwright, k6.io, JestJS, Linux, AWS, GCP, Firebase, MongoDB (Atlas, Realm), SQL, Git, Jenkins, Kubernetes.

TECHNICAL EXPERIENCE

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

2023 March – Present

- Mainly responsible for developing the frontend of insurance selling platform for agents using ReactJS, Context API, Material UI, AngularJS, Axios, enabling the company to hit target KPIs in two LBUs ([Cambodia](#) and [Myanmar](#)) and the project to win Project of the Year for 2023.
- Mainly responsible for developing the frontend of various projects such as: Client Tracking Platform ([Cambodia](#) and [Myanmar](#)) and [Payment Link](#)

[Generator](#) by using ReactJS, Context API, Zustand, Material UI, Axios with “dynamic” approach in mind to enable faster delivery and more flexibility in accordance with business requirements.

- Work with MongoDB(Atlas, Realm) to improve application performance, enable more functionalities and enhance real-time payment synchronization.
- Develop and maintain RESTful API with C#(.NET), MongoDB Driver, .NET Identity for communication between backend and frontend systems of

Agent Recruitment Platform.

- Maintain deployment setup of various in-house applications with Jenkins, Kubernetes, SQL Server, MongoDB, reducing deployment time and manual effort.
- Help supervise internal frontend engineering team, providing guidance and pointers to improve team performance and app quality.

Technology Used : ReactJS, Material UI, Context API, Zustand, AngularJS, MongoDB (Realm, Atlas), C#(.NET), SQL Server, Jenkins, Kubernetes, Firebase, Jira, Microsoft Planner, Bitbucket.

Kirirom Institute of Technology – *Full-stack Developer (Intern)*

2021 September – 2023 March

- Developed and maintained Jobify Cambodia's flagship mobile application using React Native, NativeBase, Redux-saga, creating a high-quality user experience.
- Led a team of three developers to build a chat app with grammar correction feature in a span of 4 months by using React Native, GunJS, Firebase, FastAPI, Google T5 Model.
- Developed and maintained backend for various projects by using technologies such as: NodeJS, ExpressJS, NestJS, MongoDB, Mongoose, SQL, Knex...etc.
- Worked with Amazon Web Service services such as: EC2, S3, Cloudwatch, to host and maintain the web infrastructure, improving system reliability and scalability.

- Implemented and maintained testing strategies such as: unit test (Jest) and load test (k6.io), to ensure the robustness of mobile applications and backend services.

Technical Environment : React Native, NativeBase, Redux-Saga, Firebase, NodeJS (Express), NestJS, AWS, SQL, Knex, MongoDB, Mongoose, Python, FastAPI, k6.io, Godaddy.

Kirirom Institute of Technology – *Cyber Security Researcher (Intern)*

2019 September – 2021 September

- Performed audit on the internal network infrastructure and provided full detailed reports of the result to improve internal network security.
- Implemented Graylog SIEM on the internal network to detect potential attacks that may be occurring on the network.
- Developed contents for Cyber Security Bootcamp and Advanced Cyber Security Bootcamp.
- Researched on Incident Response, Network Defense and SIEM tools.

Technical Environment : Wireshark, Linux, Metasploit, Security Information and Event Management (SIEM), Networking, Incident Response, IT Audit.

Sky Asia Network – *Webmaster*

2022 January – 2022 June

- Designed and developed customers' websites such as: [Diamond Bedding Asia](#), [Leopard Business Consultancy](#)...etc. by using Wordpress, HTML, CSS to enable faster delivery in accordance with business requirements.
- Deployed and maintained customers' websites with OVHCloud, infomaniak, CPanel, enhancing scalability and reducing operational costs.
- Assisted sales staff in communicating with customers to better understand their requirements and to update progress in a timely manner.
- Assisted company in providing Microsoft Support services to customers.

Technical Environment : Wordpress, Elementor, OVHCloud, Microsoft 365 Admin, infomaniak, HTML, CSS.

EDUCATION

Kirirom Institute of Technology – *Bachelor of Science in Software Engineering*

Nov 2018 – Nov 2022

New Generation School of Preah Sisowath High School – *Grade A Baccalaureate exam*

Oct 2016 – Aug 2018

LANGUAGES

English (C1 – C2 Level)

Khmer (Native)