

Sopagnarith SEAM

Senior Software Engineer

Phnom Penh, Cambodia

012-895-886 | sopagnarithseam@gmail.com

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



OVERVIEW

I'm a software engineer with 4 years of experience in software development, mainly working with modern full-stack JavaScript technologies. I have worked in various industries, including insurance, software, and startups. I love learning new technologies and finding innovative solutions to meet evolving business needs.

TECHNICAL SKILLS

Frontend: ReactJS, Redux, Material UI, Bootstrap, Tailwind, HTML, CSS, Javascript, Typescript, Wordpress.

Backend: NodeJS(Express, Nest), C#(.NET), Python(FastAPI).

Databases & Cloud: MongoDB (Atlas, Realm), SQL, Firebase, AWS (EC2, S3, Cloudwatch, Route 53, IAM, Elastic IP), GCP (Compute Engine, IAM).

DevOps & CI/CD: Kubernetes, Jenkins, Docker, Linux, Git, Github, Bitbucket.

Testing: JestJS, Playwright, k6.io.

Project Management: Agile, Scrum, Jira.

TECHNICAL EXPERIENCE

Prudential Cambodia – *Senior Software Engineer*

March 2023 – Present

- Lead 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 in 2023, followed by one of the platform's featured products receiving the same award in 2024.
- Develop applications for agent servicing, customer servicing, and policy 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.
 - Develop automated CI/CD pipelines to streamline application deployment from development to production.
 - Mentor team members, promoting a culture of knowledge sharing.
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Kirirom Institute of Technology – *Full-stack Developer (Contract)*

September 2021 – March 2023

- Developed a job portal mobile app for a sponsored company, streamlining job listings, job applications, and candidate tracking.
 - Enhanced a job matching AI model, boosting 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.
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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.

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