

# Sopagnarith SEAM

## Senior Software Engineer

Phnom Penh, Cambodia

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



### OVERVIEW

I'm a software engineer with 3 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 Supervisor, Application Development and Support*

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 for 2023.
- 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