

# Sopagnarith SEAM

## Senior Software Engineer

Phnom Penh, Cambodia

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



## OVERVIEW

Versatile and results-driven Software Engineer with extensive expertise in the modern JavaScript ecosystem. Skilled in building dynamic, user-focused web applications and scalable front-end architectures. Adept at solving complex technical challenges and collaborating across teams to deliver high-quality applications. While deeply experienced in the JavaScript ecosystem, I am passionate about learning and working with diverse technologies to drive innovation and meet evolving business needs.

## TECHNICAL SKILLS

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

**Other:** Firebase, Jira, MongoDB (Atlas, Realm), SQL, Github, Jenkins, Docker, Kubernetes, Playwright, k6.io, JestJS, Linux, Amazon Web Services (EC2, S3, Cloudwatch, IAM), Google Cloud Platform (Compute Engine, Firebase, IAM).

## TECHNICAL EXPERIENCE

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

2023 March – Present

- Spearhead the development and maintenance of new POS system frontend across Cambodia and Myanmar, reducing system downtime and

manual labor by 90% and 70% respectively, enabling the project to win Project of the Year for 2023.

- Design and develop frontend applications to streamline lead management, policy servicing and customer servicing across Cambodia and Myanmar with “dynamic configuration”, allowing for better adaptability, flexibility and scalability.
- Implement integration of frontend applications with core system and Cambodia and Myanmar bank partners, resulting in fully assessed customer information and seamless data exchange.
- Contribute to the convergence of company legacy systems to modern cloud-based solutions, reducing operational costs by 65% and resulting in better system reliability and performance.
- Collaborate with a team model of contract staff, local staff and overseas staff to ensure the alignment of the requirements and expectations and to manage the deliverables and timeline, ensuring better customer experience and faster time-to-market.
- Provide mentorship to the frontend engineering team, fostering a culture of knowledge sharing and continuous improvement.

**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.

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

2021 September – 2023 March

- Contributed in the development of sponsored company job portal mobile application that streamlined job listings, job applications and candidate tracking.
- Assisted in the development of sponsored company job matching AI model, increasing the reliability rate by 75%.
- Led a team of 3 software engineers in designing, developing and deploying a real-time chat application with writing assistant in a span of 3 months.

- Implemented backend services for various projects using ExpressJS, NestJS, MongoDB and SQL for efficient data storage and retrieval.
- Managed and maintained AWS infrastructure, including EC2, S3, and Cloudwatch, ensuring high availability and scalability for applications.
- Partnered with QA teams to identify and resolve defects and to implement effective testing strategies.

**Technology Used :** React Native, NativeBase, Redux, Google Cloud Platform(Compute Engine, Firebase, IAM), NodeJS(Express, Nest), Google T5 Model, Amazon Web Services(Cloudwatch, EC2, IAM, S3), SQL(KnexJS), MongoDB(Mongoose), Python(FastAPI), GunJS, JestJS, k6.io, Godaddy.

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

2019 September – 2021 September

- Participated in security audits, reviewing system configurations, access controls, and encryption methods for compliance with industry best practices.
- Assisted in configuring and maintaining Graylog SIEM to monitor security events and detect anomalies.
- Analyzed network traffic using Wireshark to detect and investigate malicious activities or suspicious behavior.
- Collaborated with team members to evaluate SIEM tools, comparing event correlation, detection capabilities, and ease of use.
- Contributed to training and awareness sessions on incident handling procedures for non-technical staff.

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

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### **Sky Asia Network** – *Webmaster*

2022 January – 2022 June

- Designed and implemented responsive WordPress websites for diverse clients.

- Manage and maintain clients' WordPress websites, ensuring optimal performance and uptime.
- Improved websites' SEO through structured data, metadata, and optimized media.
- Perform regular backups, updates, and troubleshoot technical issues.
- Collaborated with content teams to upload, edit, and organize content effectively.
- Provided technical consultations to clients, ensuring clarity in timeline and deliverables.

**Technology Used :** Wordpress, Elementor, WooCommerce, ABA Payway, WP Migrate, Wordfence, ACF, WP Rocket, Imagify, OVHCloud, infomaniak, HTML, CSS, Javascript, Microsoft 365 Admin.

## EDUCATION

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

Nov 2018 - Dec 2022

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

Oct 2016 - Aug 2018

## LANGUAGES

English (C1 - C2 Level)

Khmer (Native)