Sopagnarith SEAM

Senior Software Engineer

Phnom Penh, Cambodia

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[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 (NextJS), Redux, Tailwind, Material UI, Bootstrap, HTML, CSS, Javascript, Typescript, Wordpress.

Backend: NodeJS (ExpressJS, NestJS), C# (.NET), Python (FastAPI).

Databases & Cloud: AWS (ECS, EC2, ELB, RDS, SQS, SNS, S3, Route 53, Cloudwatch), MongoDB (Atlas, Realm), Snowflake DWH, SQL (Oracle, Postgre), Redis, Firebase.

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

Testing: JestJS, Playwright, k6.io.

Project Management: Agile, Scrum, Jira.

TECHNICAL EXPERIENCE

Forte Insurance (Cambodia) - *Senior Developer, Group Technology*

July 2025 - Present

- Work on the decommissioning of an internal management platform using NextJS, ExpressJS, PostgreSQL, Redis, Snowflake, and AWS services.
- Develop payment integration APIs using .NET, Snowflake, and PostgreSQL.
- Support the migration of data and scripts from Oracle into Snowflake DWH.
- Contribute to the management of cloud infrastructure and deployment pipelines on AWS.

Prudential Cambodia - *Senior Software Engineer*

March 2023 - July 2025

- Led the development of a new POS system frontend for Cambodia and Myanmar, reducing system downtime by 90% and manual work by 70%. The project won Project of the Year in 2023 and 2024.
- Developed applications for agent servicing, customer servicing, and policy servicing in Cambodia and Myanmar, with dynamic configuration practice.
- Integrated applications with core system and banking partners, resulting in smooth data exchange and complete customer information.
- Contributed to the decommission of legacy systems, cutting operational costs by 65% while enhancing reliability and performance.
- Developed automated CI/CD pipelines to streamline application deployment from development to production.
- Mentored team members, promoting a culture of knowledge sharing.

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.
- 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.

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