Sopagnarith SEAM

Software Engineer

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[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), Python(FastAPI), Material UI, Bootstrap, TailwindCSS, HTML, CSS, Javascript, Typescript.

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

TECHNICAL EXPERIENCE

Prudential Cambodia - *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.

- 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.
- Collaborate with BA and PM teams to deliver high-quality solutions, ensuring adherence to timelines and engineering standards.

Technology Used : ReactJS, Material UI, Context API, Zustand, AngularJS, MongoDB, SQL Server, Jenkins, Kubernetes, Firebase, Jira, Microsoft Planner, Bitbucket.

Kirirom Institute of Technology – *Full-stack Developer*

2022 November - 2023 March

- Developed and maintained [Jobify Cambodia's flagship mobile application](#) using React Native, NativeBase, Redux-saga and [Jobify Cambodia's flagship web application](#) using NuxtJS, VueX, Vuetfiy, creating a high-quality user experience.
- Contributed to the development and deployment of a job-matching AI model, resulting in a 50% improvement in response rate.
- Worked with Amazon Web Service services such as: EC2, S3, Cloudwatch, to host and maintain the [Jobify Cambodia's web infrastructure](#), improving system reliability and scalability.
- Worked closely with the QA team to identify and address bugs and issues in a timely manner.

Technical Environment : React Native, NativeBase, Redux-Saga, Firebase, NodeJS (Express), Knex, k6.io, NuxtJS, VueX, Vuetify, PostgreSQL, AWS, Godaddy.

Kirirom Institute of Technology - *Backend Developer (Intern)*

2021 September - 2022 November

- 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.

- Built backend REST API for various projects with ExpressJS, NestJS, MongoDB, Mongoose.

- Worked with cloud infrastructure for application deployment, including Google Cloud Platform and Amazon Web Services.

Technical Environment : React Native, ExpressJS, NestJS, MongoDB, Mongoose, GCP, AWS, GunJS, Firebase, FastAPI, Google T5 Model.

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 occuring 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)