

# NGO KIM SON

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## EXPERIENCE

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### SIPHER | Fullstack Software Developer

Nov 2022 - Present

#### *Protogaia - AI Generative SaaS*

- Built and maintained services that handle authorization, large images storage, thumbnail generation, and the processing of AI-generated images by leveraging AWS services such as EC2, S3, RDS, Lambda and Rekognition.
- Designed a role-based access control (RBAC) system for user resources, facilitating secure and efficient collaboration within workspaces.
- Integrated payment systems, enabling one-time credits purchase and subscription-based access for users.
- Implemented a real-time chat feature and a custom notifications system, optimizing user engagement across both web and mobile platforms.
- Scaled and optimized API performance by implementing containerization, load balancing, data caching, and database indexing, resulting in improved uptime and faster response times.

#### *Game & Blockchain Ecosystem*

- Contributed to the successful launch of NFTs worth \$9M and tokens valued at \$45M, driving platform growth and adoption.
- Developed a dynamic dashboard for tracking quests, managing events, and overseeing in-game assets.
- Built a webshop for in-game purchases, allowing users to seamlessly deposit and withdraw their assets.
- Collaborated with Optimism and AltLayer to develop Funki Chain, a Layer-2 blockchain solution designed to optimize transaction speed and reduce costs.

#### *AtherOS - Internal tool*

- Developed a centralized knowledge base for design documents and handbooks using the Vercel AI toolkit, enabling quick and accurate information retrieval.
- Created the Model Context Protocol (MCP) tool, streamlining employee day-off bookings and HR tracking processes.

### Trung Thuy Group | Software Developer

Feb 2020 - Nov 2021

#### *Sign-Off - Documents management application*

- Designed and implemented a contract management system, reducing paperwork and increasing document workflow efficiency.
- Automated document processing logic based on organizational hierarchy, ensuring proper routing and approval flows.

#### *Rooms and Assets management application*

- Built an asset management application for hotel rooms and leased offices.
- Developed a 3D visualization tool for room demos, offering interactive virtual tours of apartment interiors and exteriors.

## SKILLS

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**Programming Language:** Typescript, Javascript/HTML/CSS, Python, SQL, C#, C++.

**Framework:** Node.js, ReactJS, NestJS, Next.js, Tailwind CSS.

**Tools:** Git, Linux, Docker, Kubernetes, AWS(S3, EC2, Lambda, Cognito) Firebase(Auth, FCM).

## EDUCATION

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University of Information Technology, UIT - Bachelor

*Expected 2026*

University of Economics HCMC - Bachelor

*Graduated 2020*

## LANGUAGES

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Vietnamese (Native speaker), English (Fluent - TOIEC 900)