

CURRICULUM VITAE

Samann Long

Technical Lead & Software Architect

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Summary

9+ years of technical experience connecting architecture, software engineering and team leadership. I build **business systems and web applications**, connect data and devices, and support the environments behind them. My current practice also includes **AI harness engineering, DevOps** and **security-aware delivery** to help teams turn ideas into maintainable software.

Skills

Programming & query languages: Python · JavaScript · TypeScript · SQL

Frameworks & libraries: Django REST Framework (DRF) · React.js · Next.js · Vue.js

Backend runtime: Node.js

AI-assisted engineering: Claude Code · Codex · Agent orchestration · Context engineering

Cloud platforms: Amazon Web Services (AWS): EC2, RDS, S3 · Google Cloud Platform (GCP)

DevOps & deployment: Docker · Nginx · GitHub Actions · CI/CD

Version control: Git

Security practices: Secrets management · Access boundaries · Security-aware code review · Network security support

Data & reporting: Metabase · AWS QuickSight

Experience

Technical Lead Current

Farmer1st · October 2026–present

- Guide technical architecture, engineering delivery and team practices, translating business requirements into practical software solutions.
- Mentor engineers and support code review, planning and documentation practices.

Technical Lead Consultant

July–September 2026

- Supported hands-on software development and technical implementation.
- Designed application and system architecture to guide development.
- Set up the development ecosystem and engineering environments to support consistent team workflows.

IT Project Manager

Wing Bank · September 2025–July 2026

- Planned technical projects by aligning business goals with architecture and integration requirements.
- Coordinated cross-functional teams through design, development, testing and deployment.
- Translated business requirements into technical solutions and supported delivery.

Technical Lead

Agros · January 2024–August 2025

- Led architecture and full-cycle development of internal ERP, CRM and finance systems, translating operational needs into workflows, data models and integrations.
- Supported users of internal tools, resolved bugs and used feedback to improve usability.
- Managed staging and production deployments and built operational dashboards with Metabase and AWS QuickSight.

Senior Software Architect and Engineer

JTHINK Cambodia · November 2021–December 2023

- Led architecture and end-to-end software delivery across multiple projects.
- Prepared architecture plans, technical specifications and progress reports for management.
- Mentored team members and improved code quality through review practices.

Software Architect and Engineer

JTHINK Cambodia · November 2020–November 2021

- Served as software architect and engineer across multiple projects.
- Produced product specifications and architecture documentation.
- Resolved complex technical and architectural problems.

Outsource Software Engineer

JTHINK Cambodia · December 2019–October 2020

- Worked remotely as an outsourced software engineer and team lead.
- Coordinated development across multiple teams and project phases.

Outsource Software Architect and Engineer

Trip Style, Kirirom Institute of Technology · May–December 2019

- Worked remotely on system design, development and delivery.
- Prepared product specifications and design documentation, and planned development tasks.

Intern Software Engineer and Vice President

KEEN VC, Kirirom Institute of Technology · December 2017–May 2019

- Contributed as a software engineer and team lead on internal software projects.
- As Vice President, supported team resource management, training and mentoring.

Intern Network Engineer

DynamixD VC, Kirirom Institute of Technology · May–November 2017

- Supported network implementation, monitoring and technical support.

Education

● MBA in Management

Paññāsāstra University of Cambodia · Expected December 2026

● BSc Software Engineering

Kirirom Institute of Technology · October 2020

Languages

Khmer: Native or bilingual

English: Full professional proficiency