

Oudamsith Samin

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SUMMARY

Computer vision & MLOps engineer with 9 years building systems end-to-end — document extraction, object detection, microservices, and payments. Backend-leaning full-stack. I build things that see.

WORK EXPERIENCE

Project Lead EKYC Solutions Co., Ltd. - Led microservice architecture for a payment system; tightened security. - Led the underwriting/screening system; reduced operational costs.	2023 — present
Machine Learning Engineer EKYC Solutions Co., Ltd. - Built high-performance document extraction for national ID and driver's license. - Built and maintained a face recognition system. - Applied computer vision techniques to improve OCR accuracy; trained custom object-detection models.	2020 — present
IT Developer Executive SORYA Center Point Mall Group - Designed and deployed parking systems for Sorya and Ratana Plaza malls. - Built a mobile parking-portal app; built the company portfolio and internal survey system.	2018 — 2020
Full-Stack Developer (Lead) Startup - Designed a real-time crypto monitoring web application. - Maintained servers and optimized web performance.	2017 — 2018

SELECTED PROJECTS

Document Intelligence	KYC pipeline — text/layout extraction from national ID, driver's license, vaccination cards (OpenCV)
IoT Parking	Camera-based occupancy for Sorya & Ratana Plaza malls + mobile portal
Traffic Vision	Speed & violation detection on a live feed, buffered through FFMPEG
Payment Microservices	Split a payment system into services; hardened security, cut operating cost
Custom Object Detection	Hull-point detection on cards, trained for a client workflow

SKILLS

Vision/ML: OpenCV, TensorFlow, OpenVINO	Backend/Infra: Python, Go, FastAPI, Docker, Dapr, Traefik
Frontend: Svelte, React, TypeScript, Tailwind	

EDUCATION

B.Sc. Management Information System — SETEC Institute, Phnom Penh	graduated 2020 · GPA 3.53
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