

Track Record

Takuya Sato — Pearl Memorial / Soul Carrier

Introduction

Soul Carrier is an extension of my career.

For over 20 years, I've worked at the intersection of technology and business. Large corporations, startups, global consulting firms. On paper, I looked "successful."

But I learned that what matters most isn't technology—it's seeing the person in front of you.

If you're facing challenges in life or business, let's talk first. If I can help, I'll work on a results-based fee.

Publications (81 Technical Books)

Between January and May 2025, I wrote and published 81 technical books on the Zenn platform.

AI & Machine Learning

Title
OpenAI Responses API Practical Guide
Apple MLX & Python: Next-Gen ML Environment
Progressive AI Agent Development: LlamaIndex, BabyAGI & Evaluation
Stable Diffusion Practical Guide: Prompt Engineering, Customization & Business
AI Platform (SaaS) Rapid Development: Build Scalable AI Services in One Day
AI × Diagram Revolution: Claude 3.7 + draw.io API
LINE WORKS × Claude 3.7: AI-Powered Business Chat
Python Pillow & Claude 3.7: Advanced Image Analysis
AI Agent Practical Guide 2025: Autonomous Business Evolution
AI Composition Guide: Path to MIDI Maestro
Image Captioning Revolution: Cutting-Edge Technology for Business
AI Pixel Art Revival: Generative AI for Retro Game Characters
Autonomous Threat Hunter: Fighting Cyber Attacks with AI
LoRA Revolution: Satellite Image Generation for Business
AI Video: Escape Content Hell with Time-Saving Techniques

Blockchain & Web3

Title
Practical Solidity Smart Contract Development
Web3 Development 2025: Architecture, Security & Scalability
STO Development Guide: Foundry & Solidity
Immutable X: Scalable NFT Platform Development
Hyperledger Fabric: Enterprise Blockchain Development
Practical Fintech Development
Digital Nation Strategy 2.0: Web3 Financial Infrastructure

Infrastructure & DevOps

Title
AWS Lambda Notification System: Design to Operations
Cloud Monitoring: Datadog, OpenCost & Automation
Site Reliability Engineering (SRE): Stable Operations
Home Lab Evolution: Self-Hosted Infrastructure Engineering
Elasticsearch Enterprise Search Guide
GitHub Actions: PyInstaller & DMGbuild for macOS
ServiceNow Customization & Troubleshooting
Salesforce Development Bible

Frontend & App Development

Title
VS Code Environment Setup: Team Development Optimization
Webpack Practical Introduction
Practical Three.js: Web Creative Mastery
Three.js Guide: Interactive 3D Worlds with WebGL
Sitecore XM Cloud: Next.js & SXA Modern Websites
Hono & Stream Deck: Modern Development Workflow
Kids Map Learning App: React Native & Map Data
Functional Programming for Frontend: Elm for Robust UI
OpenAI Platform Development: API to Service

Mac & iOS Automation

Title
Hammerspoon & Claude: Mac Automation Acceleration
Hammerspoon & AppleScript: macOS Automation Recipes
Apple Silicon Development Environment
iOS Automation: Scriptable Recipe Collection

IoT & Hardware

Title
ESP32 IoT Development: Environment to Business
IoT Implementation Bible: Sensor Networks & Solutions
Arduino × Generative AI: Prototyping Guide
Dashcam Video Analysis with AI

Business & Strategy

Title
Weekend Startup: Micro-SaaS for SMBs
Engineers Conquering Markets: Tech Strategy & Business
Tech-Driven Business Success: Strategic Thinking for Engineers
Business Strategy Through Code: Data-Driven Management
Engineering-Led Business Transformation
Beyond Subcontractor Mindset: Engineer-Led Business Models
Growth Hacking for Developers: Data-Driven Marketing
Bridging Dev & Management: Tech Translator Training
Innovation Through Development: Code Changes Organizations
Financial RPA: Automation, Implementation & Risk

Other Specializations

Title
Legacy COBOL Modernization: Cloud Migration & Agile
Next-Gen Technology Stack: Scalable & Intelligent Apps
Application Performance Optimization
API Integration Handbook 2025
Trading Strategies: TradingView, Data Analysis & Automation
Programming Paradigm Shift: Legacy to Modern
Speech Recognition: Whisper & Real-Time Processing
AnkiConnect × Python: Flashcard Automation
Text Processing Expert: sed, AI & Prompt Engineering
Voice Analysis Automation with Praat
Python Turtle for Real Applications
Scratch Evolution: Games, AI & Future
Quantum Computing: Practical Algorithms & Cloud
Digital Twin: Real & Virtual Business Innovation
Smart Space Design: Physical & Digital Fusion
Implementing the Future: Computing Paradigm Shift 2025
Scalable MMO Development: Node.js & WebSocket
Business English Training
Eleven Labs: AI English Teacher with Your Voice
English Learning Strategy: TOEIC/TOEFL/IELTS Meta-Learning
Data Analytics Skill Revolution
Application Security Testing Complete Guide
Honbinos Memorial: Life Recording Technology Guide

Open Source & GitHub (170+ Repositories)

Hands-on repositories that demonstrate the concepts from my technical books, plus 170+ projects publicly available.

GitHub: github.com/timeless-residents

Repositories by Category

Category	Key Repositories
AI & ML	handson-openai-responses-api, handson-claude-3.7-sonnet, handson-langchain, handson-diffusers, handson-apple-mlx, handson-deepseek-r1, handson-ollama-mistral, handson-gemini-aistudio, handson-elevenlabs-affirmation
Blockchain	handson-solidity-hardhat, handson-hyperledger-fabric, handson-immutable-x, handson-sto-foundry
Frontend	handson-threejs, handson-vite, handson-nuxtjs, handson-chakraui-react, handson-svelte, handson-tailwind-css, handson-webgl, handson-storybook
Backend	handson-rails8, handson-django-render, handson-laravel, handson-nestjs-swaggerui, handson-spring-framework-render
Cloud & DevOps	handson-terraform, handson-opencost-kubernetes, handson-datadoq, handson-firebase, handson-docker-render, handson-gitlab
Database & Search	handson-elastic-enterprise-search, handson-weaviate-v4, handson-pinecone, handson-python-postgresql, handson-python-sqlite3
API Integration	handson-drawio-api, handson-figma-api, handson-stripe, handson-mailchimp-api, handson-line-works, handson-box-api, handson-canva-app
Languages	handson-go, handson-rust-json, handson-kotlin, handson-haskell, handson-scala, handson-julia, handson-nim, handson-cobol
Game Dev	handson-game-othello, handson-game-ideation-250305, handson-unity-2d, handson-c-raylib
Audio & Media	handson-web-audio, handson-pyaudio, handson-dictation-realtime, handson-stable-audio-one
Pearl Memorial	pearlmemorial, pearl-memorial, voice-memorial-qr, honbinos-memorial
Community	HonoluluFarm, OHANA-Association

Career Summary

27 years in technology (since age 15), creating value by crossing boundaries.

Item	Details
Birth Year	1983
Education	Tokyo National College of Technology, Mechanical Engineering (2004)
Management	200+ people
Tech Training	4,000+ people
English	Business level (TOEIC 720)

Work History

Deloitte Tohmatsu Consulting (2019–2025)

FSI G&I Senior Specialist Lead

DX strategy for global mega-banks and financial ecosystems.

Key Projects:

Area	Achievements
Financial Innovation	Customer experience with data analytics & AI, digital banking platforms, open banking infrastructure
Public Sector DX	National digital government strategy, smart city OS design, citizen participation platforms, municipal data analytics
Digital Twin	Bridge maintenance, LiDAR urban modeling, flood prediction & disaster prevention
Energy	AI power demand optimization, multi-store energy cost reduction
Healthcare	IoT × cloud medical device management, disaster response
Human Capital	Global corporate digital training, organizational survey platforms

Willgate Inc. (2007–2019)

Board Director & CTO

Led company from near-bankruptcy to **50x growth**. Built dev organization from scratch to 200 engineers.

Role	Details
Business Restructuring	Dev investment strategy, domestic & international partnerships
Org Building	In-house development, hiring & training
Methodology	Waterfall → Agile Scrum, company-wide agile adoption
Tech Stack	LAMP, Rails, Scala, AWS, On-premise

Fujitsu Limited (2004–2007)

Social Science Laboratory SE/PM

Project	Details
Global Logistics	Enhancement & quality improvement
Ministry of Justice E-Application	New development
Internal Dev Platform	Company-wide standardization

Other Activities

- Management & technical advisor for multiple companies (hands-on)
- Vietnam CEO experience
- **World Blockchain Forum Asia Singapore 2019** Top 10 Project Leader (Trophy winner)

Expertise

Category	Experience
System Development (Web/Open)	10+ years
Project Manager	10+ years
CIO/CTO	10+ years
Data Analyst/Scientist	10+ years
IT Consultant	3+ years
Business/Strategy Consultant	5+ years
CEO/COO	3+ years

Technology Stack

Languages & Frameworks

Category	Technologies
Backend	Python, Node.js, Go, Rust
Frontend	React, Next.js, Vue, Three.js
Mobile	React Native, Swift
Smart Contracts	Solidity, Foundry
Automation	Hammerspoon, AppleScript, Scriptable

Infrastructure & Cloud

Category	Technologies
Cloud	AWS, GCP, Azure
Containers	Docker, Kubernetes
CI/CD	GitHub Actions, GitLab CI
Monitoring	Datadog, Prometheus, Grafana
Search	Elasticsearch

AI & Data

Category	Technologies
LLM	OpenAI API, Claude API, Ollama
Image Generation	Stable Diffusion, DALL-E
Machine Learning	Apple MLX, PyTorch, TensorFlow
Voice	Whisper, Eleven Labs

Off-Grid & Disaster Support

Maui Activities (2025–)

- **Maria Lanakila Catholic Church:** Relationship building
- **Hana Farms:** Solar system design & installation
- **Honolua Bay Farm:** Technical lead for off-grid construction
- **Kahului Jodo Mission:** Community introduction

Technical Areas

- Solar panel design & installation
- Battery system optimization
- Satellite communication (Starlink)
- Off-grid living infrastructure

How I Work

Results-Based Fee

No results, no fee.

Available Support

- Business digitalization & optimization
 - System development & tech selection
 - AI implementation & automation
 - Off-grid & disaster-resilient infrastructure
 - International expansion (Japanese-English bilingual)
-

Contact

Takuya Sato

- Email: business@satotakuya.jp
 - Web: satotakuya.jp
 - Books: zenn.dev/takuya_sato
-

Technology is a means. What matters is seeing the person in front of you.