

# DAISUKE KURIYAMA

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## EXPERIENCE

- BreakAI Inc. — Founder & CEO

Dec 2023 – Present

Founded AI-powered electricity retail service in Japan. Led product development, power demand forecasting, and pricing optimization algorithms. Built team of 4, achieved annual revenue exceeding ¥100M.
- AIST (National Institute of Advanced Industrial Science and Technology)

Oct 2025 – Present

Technical Researcher — Software development for swarm robotics. Implementing MAPF algorithms with toio robots, research paper authoring.
- Toyota Motor Corporation

Sep 2025 – Present

Technical Advisor — Autonomous driving in-vehicle tracking & SaaS security platform. Code review and architecture guidance.
- NTT (Nippon Telegraph and Telephone Corporation)

Jan 2025 – Apr 2025

Technical Researcher — Technical validation for AI agent swarms and multi-agent distributed systems research.
- matsuri technologies Inc.

May 2021 – Oct 2023

Senior Software Engineer — Backend development for vacation rental platform. Integrated Airbnb/Booking.com APIs, developed automated cleaning staff allocation system. Led development team.
- Spiral.AI Inc.

Apr 2023 – Aug 2023

Software Engineer — Developed Japanese-focused LLM with EQ emphasis for IP character conversations.

## EDUCATION

- Tokyo Tech High School of Science and Technology

Apr 2013 – Mar 2016

Applied Chemistry

## SKILLS

- Languages: Python, Rust, Go, TypeScript, JavaScript, C++, Ruby, Swift, Flutter
- AI/ML: LLM, Deep Learning, NLP, TensorFlow, VLLM, LLM-RAG, Multi-Agent Systems
- Infrastructure: AWS, Linux, Docker, MySQL, Node.js, Ruby on Rails
- Languages: Japanese (Native), English (Business)

## ACCOMPLISHMENTS

- ISUCON 13 Winner — Japan's premier web performance tuning competition
- Open Source Contributor — Rust Compiler, Material UI, Zig