

DAISUKE KURIYAMA

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EXPERIENCE

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|---|---------------------|
| 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

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| 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