TAKURO AKIYAMA

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LinkedIn: https://www.linkedin.com/in/takuroakiyama0212 | GitHub: https://github.com/takuroakiyama0212 | Portfolio: https://portfolio-nextjs-three-sepia.vercel.app

I am a full-stack engineer specializing in web applications and troubleshooting using React, TypeScript, Python, and cloud technologies. I am committed to continuously expanding my knowledge and never stopping to acquire new technical expertise.
Through international experience in Japan, the United States, and Australia, I have gained fresh perspectives and language skills.
I am highly proficient in English and Japanese, and can converse in Korean.

PROFESSIONAL EXPERIENCE

DYM Co., Ltd. | Software Engineer Intern | Tokyo, Japan | Jan 2024 – Apr 2024

Full-stack web application development, development using OpenAI, and code review
UI implementation using React and Node.js and API development using Python

Botanical Food Company Pty Ltd. | Quality Checker | QLD, Australia | Dec 2024 – Oct 2025

Verifying and reporting on the quality of herbs, while managing quality control in communication with over 30 colleagues

TEPCO Energy Partner, Inc. | Customer Support Assistant | Sapporo, Japan | Nov 2023 – Jan 2024

Power outage support services, providing customer-focused assistance during disasters and emergencies

PROJECTS

Auto Matcher | React, TypeScript, Node.js, Express, PostgreSQL, TanStack Query

- Developed a full-stack matching app with real-time data sync using Express/PostgreSQL RESTful API.
- Created responsive UI components using React and Tailwind CSS for seamless user interaction.

Charge Spotter | React, TypeScript, Google Maps API, Node.js, Express

- Built an interactive map application for locating public power outlets using Google Maps API integration.
- Implemented search and filter functionality to optimize navigation and user experience.

Secure.zip | Python, Cryptography, Flask, React, TypeScript

- Engineered a secure file encryption app implementing AES algorithms with Python cryptography libraries.
- Developed an intuitive web interface for efficient file upload, encryption, and compression.

YouTube Dual Subtitle | JavaScript, Chrome Extension API, HTML, CSS

- Developed a Chrome extension using browser APIs to display dual-language subtitles simultaneously.

Celebrity Identify | Python, TensorFlow, OpenCV, Flask, Machine Learning

- Built an ML face recognition application using TensorFlow models and OpenCV image processing.
- Created a Flask backend API to handle real-time model inference and predictions.

EDUCATION

- **B.S. in Computer Science** | University of the People, USA | **Oct 2024 – Present**
- **Diploma in Information Technology** | Sapporo Information Future Vocational School, Japan | **2021 – 2023**
- **Professional Certifications (Coursera, 2025):** Google IT Support, CompTIAA+, Foundation of Cybersecurity
- **freeCodeCamp — JavaScript Developer Certification |** https://freecodecamp.org/certification/takuroakiyama0212/javascript-v9

SKILLS & OTHER

Skills: JavaScript, TypeScript, React, Node.js, Express, Python, Flask, TensorFlow, PostgreSQL, HTML/CSS, Tailwind CSS, Git, REST APIs, Chrome Extensions, Google Maps API, Machine Learning, Windows, macOS, Ubuntu, TCP/IP, VPN