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

Full-stack developer experienced in building scalable web applications using React, TypeScript, Python, and cloud technologies. Passionate about developing efficient solutions and continuously learning new tools. International experience across Japan, the U.S., and Australia with strong communication skills in English and Japanese.

PROFESSIONAL EXPERIENCE

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

- Applied systematic troubleshooting to resolve production issues and ensured strict adherence to quality/safety protocols under pressure.

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

- **Reduced service completion time by 40%** by optimizing communication protocols between customers and technical teams.

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