

# Nobuhiro Oto

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**Primary Languages:** Java, Kotlin, Python, TypeScript

## EDUCATION

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### Waseda University

*Bachelor's in Computer Science*

Apr. 2023 – Mar. 2027

*Tokyo, Japan*

**Relevant Coursework:** Computer Programming, Logic Circuits, Theoretical Computer Science, Algorithms and Data Structures, Computer Architecture, Operating Systems, Databases

**Extracurricular Activities:** Member at the Frontend Team at Google Developer Group on Campus Waseda, Member at Waseda Competitive Programming Circle

## EXPERIENCE

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### Software Engineer Intern | *ExaWizards Inc.*

*Kotlin*

Mar. 2025 – Present

*Tokyo, Japan*

- Developing AI applications using fullstack **Kotlin** as part of an all-English team

### Software Engineer Intern | *NAXA Co.*

*TypeScript, Python*

Nov. 2024 – Mar. 2025

*Tokyo, Japan*

- Developed and maintained both frontend and backend of “Subtitle Generator,” an automatic subtitle generator used by over 10 companies in the television industry, using **Next.js** and **TypeScript**
- Developed new features—such as Video Duplication and Audio Separation - by leveraging open-source tools like AudioSep and FlowSep with **Python** and **PyTorch**
- Created an LibreChat Agent and Action using **Python** and **FastAPI**, which improved gpt-4o-mini’s table recognition by 40%

### Backend Intern | *Solution and Technology Co.*

*Java*

Oct. 2024 – Nov. 2024

*Tokyo, Japan*

- Developed a prototype schema for the backend of “WiMS,” an office platform designed to support businesses’ HR and accounting operations using **Java** and **Oracle**

## PROJECTS

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### Calendxr | *TypeScript* | [Link](#) | [GitHub](#)

Feb. 2025 – Mar. 2025

- Developed a full stack smart Calendar with features such as image recognition for automatic information input for events with **Google Vision AI** and a Chatbot assistant with **OpenAI API**
- Managed to fully sync with Google Calendar in order to achieve a **no-database** solution for privacy measures
- Finalist at Engineer Guild Hackathon (Top 10 out of 48 teams) and won the Loglass Award

### AtCoder Rating Comparer | *JavaScript* | [Link](#) | [GitHub](#)

Dec. 2024

- Utilized web scraping with **Puppeteer** to create a web application that compares ratings on AtCoder, a competitive programming platform
- Built in a **Docker** environment for easier deployment on cloud services
- Achieved over 5,000 uses and featured on [AtCoder Clans](#); an unofficial blog for AtCoder

Other projects available at [nobuho.com](https://nobuho.com)

## COMPETITIONS AND HACKATHONS

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- Rated Green on [AtCoder](#)
- Finalist (Top 10 out of 48 teams) and Loglass Award Winner at Engineer Guild Hackathon 2025 Spring
- Participant at Engineer Guild Hackathon 2024 Autumn

## TECHNICAL SKILLS

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**Programming Languages:** Java, Kotlin, Python, C, C++, JavaScript, TypeScript

**Frameworks:** React.js, Next.js, PyTorch, Tailwind CSS, Spring Boot, LangChain, FastAPI

**Developer Tools:** Git, Docker, GCP, AWS, Azure, CI/CD

**Languages:** Japanese (Native), English (Bilingual Proficiency, TOEFL: 110/120)

## OVERSEAS EXPERIENCE

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As my father had a job in which he needed to relocate every so often, I spent the majority of my youth overseas. I lived in Hong Kong from when I was 2 years old until the 3rd grade in primary. Then I moved to Malaysia until the 1st grade of middle school, then China, where I lived until I entered high school.

## MY DREAM AT MICROSOFT

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My dream at Microsoft is not just to troubleshoot issues but to become a trusted partner for enterprise users and major SI vendors—one who contributes to their business success and adds to their market presence. Here's what that vision entails:

- **Accelerating Customer Success:** I am excited about the opportunity to solve complex system challenges, ensuring that customers can confidently rely on Microsoft products. By doing so, I hope to keep driving customer delight.
- **Innovating Technical Support:** By leveraging insights gained from real-world experiences, I aspire to evolve into a support escalation engineer who goes beyond problem resolution. I want to drive improvements in technical documentation, help shape new product developments, and proactively build readiness in the developer and IT community, ultimately raising the industry's standards.
- **Deepening Empathy and Multifaceted Perspectives:** I plan to tap into our customers' needs, fully understanding their challenges. This will help me tailor my technical support to truly benefit them, strengthening customer relationships, building deeper trust, and lasting retention.
- **Fostering Personal Growth and Team Evolution:** I am committed to continuous learning—enhancing my technical skills and communication abilities while encouraging teamwork, knowledge sharing, and innovation in the support environment. This will contribute to overall organizational excellence.

Working at Microsoft would immerse me in a cutting-edge technological environment where close collaboration remains paramount to everyday tasks. This is the dream I wish to achieve at Microsoft, and it is a synergy I will create passionately, committed forever.