

Kosuke Kumamoto

Year 3, Computer Science Major

kuma.kou.0201@gmail.com

+81 080-5781-6594

<https://github.com/K-suk>

Technical Skills

- **Programming:** Python, Java, C, C++, Typescript, Javascript, SQL
- **Tools/ Environment:** Github JIRA, Vercel, Supabase, Prisma, AWS, Docker
- **Testing:** JUnit
- **Web:** [React.js](#), [Next.js](#)
- **API&Other:** Django Rest Framework, Django-allauth, [Auth.js](#)

Technical Work Experience

Software Engineer Intern | Naxa Inc. | Tokyo, Japan

May 2025 – Present

- Built the company website with Next.js and v0 for fast UI prototyping. Used Server Components to optimize load speed. By introducing atomic design, avoid duplicate code.
- Created a MVP version of the demo system with twilio api for automated outbound-calls in 3 days, which led to a ¥50 million budget for full development.
- Set up an automated AWS EC2 desktop environment with Terragrunt, allowing two simultaneous calls per operator and raising sales efficiency of a partner company by about 50% based on testers.
- Developed an admin dashboard in [Next.js](#) for ec site app to visualize business data and export it as CSV, making performance reports easier for partner company.
- Worked with three engineers and a designer in weekly agile sprints using Jira and GitHub reviews to maintain clean code.

Technical Project

TokyoQuest | Solo Project

May 2025 – June 2025

- Developed a game-like travel web application for tourists visiting Tokyo, helping users explore the city through interactive quests that transform sightseeing spots into a game-like experience.
- Built the app using Next.js, Supabase, and Vercel, implementing an exp-based progression system which completing quests unlocks new stories like RPG video games.
- Designed all core features including authentication, quest system, and photo uploads, which ensure smooth performance and consistent UX.
- Tested with 30 users and improved interface design and quest information based on feedback.
- tokyoquest.jp

UBC Buddies | Solo Project

September 2024 – October 2025

- Built a social matching web application for university students to do the same hobby and activities such as gym.
- Designed and implemented a realtime matching algorithm using gender based queues. Users waiting in the queue are immediately paired when another user joins the queue.
- Implementing the backend using Django REST Framework and Supabase, using [Next.js](#) for frontend.

- Added security features like Nonce validation and CSRF protection to keep user data safe.
- Tested with 20 users and refined the matching flow from feedback.
- github.com/K-suk/Next-Buddies, I can not provide link to the website since it is only open to the university students
- <https://youtube.com/shorts/WuqtMVowJIA?feature=share> , This is link to the demo video

Additional Work Experience

Tour Guide | Self-employed

Apr 2023 – Aug 2025

- Led walking tours for groups of 7–10 tourists around Tokyo.
- Planned routes, managed time efficiently, and kept groups engaged with local stories and recommendations.
- Facilitated group interactions by encouraging participant communication with effective approaches such as introduction round.
- Rated the best tour guide on the platform during Summer 2023 based on reviews and bookings.

Volunteer

Forest Restoration Volunteer | NPO NICE, Ober-Olm, Germany

October 2022

- Joined an environmental program to restore local forests by tilling soil and installing protective fences.
- Worked closely with other volunteers in field tasks that required coordination and physical effort.

Fundraising Volunteer | Ukraine Support Program

Mar 2022 – Apr 2022

- Helped raise funds for Ukrainian humanitarian aid through poster design and lunchtime charity sales at school.

Education

3rd Year Bachelor of Art, Computer Science Major
University of British Columbia, Vancouver, BC

September 2023 – Present