

# Alexander Tu

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🏠 [momipochi.github.io/website/](https://momipochi.github.io/website/)

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## Profile

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Software Engineer with 1+ years of experience. Past experience in both frontend and backend development. Proficient in multiple languages such as C#, Javascript/Typescript and Java. Strong initiative to enhance development, automate workflows and solve critical problems. Holds a Bachelor's in Computer Science. Demonstrates self-driven motivation to learn and improve work. Seeking a role to create an impact.

## Experience

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### Software Engineer

Aug 2023 - Jul 2024

#### CrowdConsultants

- Update legacy code, reducing code redundancy and improving performance.
- Introduced multiple new tools to tech stack to improve development velocity.
- Maintaining CI/CD pipelines on Azure, streamlining development process.

### Software Engineer

Oct 2022 - May 2023

#### Snowflake Inc.

- Update/create APIs for communication with backend, create reusable components and update existing components to improve testability.
- Collaboration with members from and outside of own team.
- **Snowvation**: participation in hackathon to introduce new technology to stack, improving and solving API request issues.

## Education

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### Bachelor of Engineer in Computer Science

Oct 2019 - Mar 2023

#### Polish-Japanese Academy of Information Technology

## Skills

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**Languages:** English (native), Chinese (native), Japanese (n2 or above), Polish (B2)

**Programming Languages:** Java, C#, JavaScript, Typescript, Go, Python

**Operating Systems:** Linux, Mac, Windows

**Frameworks/libraries:** .NET, Spring, Spring Boot, NestJS, React, React-query (tanstack query), Vue, Svelte, jest, junit, storybook, gin-gonic, mockito

**Databases:** MongoDB, MSSQL, Oracle, MySQL, Postgresql, sql, nosql

**Others:** Git, Docker, Kubernetes, Azure, RabbitMQ, REST, GraphQL, webRTC

**Soft skills:** Collaboration, Code review, Pair programming

## Personal Projects

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### My website - [momipochi.github.io/website/](https://momipochi.github.io/website/) [↗](#)

- Retro style terminal inspired website. Built using Svelte/Typescript.
- Contains collection of projects I have on github.

### Microservice project - [github.com/momipochi/microservice](https://github.com/momipochi/microservice) [↗](#)

- An implementation of microservice application integrated with Docker, Kubernetes, Rabbitmq and more.