

Alexander Tu

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🏠 momipochi.github.io/website/

in Alexander Tu

Profile

Software Engineer with strong 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.

Education

Bachelor of Engineer in Computer Science
Polish-Japanese Academy of Information Technology

Oct 2019 - Mar 2023

Experience

Software Engineer, CrowdConsultants

Aug 2023 - Jul 2024

- 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, Snowflake Inc.

Oct 2022 - May 2023

- Create reusable components, maintaining code reusability and testability.
- Cross team collaboration with backend, fixed routing problem.
- Participated in Snowvation hackathon, introducing new technology to the stack to solve API request issues

Skills

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, React, Vue, Svelte, jest, junit, storybook, mockito

Databases: MongoDB, MSSQL, Oracle, MySQL, Postgresql, sql, NoSql

Others: Git, Docker, Kubernetes, Elasticsearch, Azure, RabbitMQ, Kafka, REST, Service Mesh, API Gateway,DDD, CQRS, Event driven architecture, Prometheus, Grafana, Distributed tracing, gRPC

Soft skills: Collaboration, Code review, Pair programming

Personal Projects

My website - momipochi.github.io/website/ [🔗](#)

- Retro style terminal inspired website. Built using Svelte/Typescript.
- Contains a collection of projects hosted on GitHub.

E-Commerce Microservice - github.com/momipochi/allegro-clone [🔗](#)

- E-Commerce Microservice, utilizing API gateway, service mesh, observability, grpc, pub/sub events, CQRS, etc.
- Implement complex design patterns, learning the core concepts of microservice architecture.

Lox interpreter - github.com/momipochi/interpreter [🔗](#)

- Lox interpreter written in Go.
- Gain an in-depth understanding of how compilers and interpreters work.