Alexander Tu

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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.

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 to improve testability.
- Collaboration with members from and oustide of own team.
- **Snowvation**: participation in hackathon to introduce new technology to stack, improving and solving API request issues.

Education

Bachelor of Engineer in Computer Science
Polish-Japanese Academy of Information Technology
Oct 2019 - Mar 2023

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, 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, Kafka, REST, Graphql, Consul Service Mesh, Helm, Kind, NGINX, TDD, DDD, Event driven architecture, Event Sourcing, 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 collection of projects I have on github.

Allegro Microservice Clone - github.com/momipochi/allegro-clone 🔗
- An implementation of allegro microservice, utilizing K8s, Consul Service Mesh, etc.