

# Michael Tran

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Software engineer with two years of experience at an early-stage startup, building an enterprise SaaS platform for multi-billion dollar beauty care companies. Proven track record of quickly acquiring proficiency in a diverse range of technologies, including Go, JavaScript, and Python.

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## EXPERIENCE HIGHLIGHTS

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**TactileAI**, Full-Time (Remote)  
*Software Engineer*

October 2021 – August 2023

- Collaborated remotely to develop a fully automated SaaS platform from scratch, revolutionizing in-home user product testing in beauty care.
- Launched platform in April 2023 and generated revenue from 3 multi-billion dollar beauty companies.
- Led the comprehensive creation of a mobile web application, which served as a platform for collecting user testing data and providing data analytics to customers in real-time.
- Implemented Apache Airflow to streamline tasks, logging data with AWS S3 buckets for efficient debugging and removed the need of manual intervention within the product workflow.
- Integrated Kubernetes with AWS and CircleCI's CI/CD platform for automated testing, deployment, scaling, and containerized app management. Increased efficiency, scalability, and reduced downtime, resulting in improved infrastructure flexibility via cluster automated scaling based on resource usage.
- Managed cloud resources using Terraform to efficiently organize deployments across two environments, leading to improved resource allocation and cost savings by easily identifying and removing unused resources.

**Hi-Rez Studios First Watch Games**, Internship (Remote)  
*Gameplay Programmer Intern*

June 2021 – August 2021

- Actively participated in code reviews and addressed any issues in a timely manner.
- Learned UE4 engine in under one month to contribute to a complex codebase. Created detailed technical documentation outlining the necessary systems and implementations for a seasonal event system.

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## SKILLS

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- Programming Languages: Go, Python, GraphQL
- Web Development: HTML, CSS, JavaScript, Next.js, Node.js, React
- Tools: AWS, Docker, Git, Visual Studio Code, Terraform
- Languages: Bilingual in English & Vietnamese

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## PROJECTS

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**Discord Bot (2020)**, Developed a Discord Bot using web scraping and the discord.js library in node.js to consolidate weekly event data from Maplestory's official patch notes in a text channel, catering to over 10 users.

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## EDUCATION

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**B.S. Computer Science**, Chicago IL  
University of Illinois at Chicago, College of Engineering,  
4.00 GPA, Dean's List, Summa Cum Laude

May 2020