

# Daichi Toyoda

Experienced software engineer help startups and enterprises with prototypes and ideas by efficiently building those things into reality.

## EXPERIENCE

AI & Software Engineer, **Applify** Feb 2022 — Dec 2024

- Architected complex NLP systems by integrating multiple LLM agents, increasing task accuracy by 30% and reducing processing time by 40% for enterprise applications.
- Applied Stable Diffusion and ComfyUI to generate high-fidelity marketing visuals, boosting user engagement rates by 25% and increasing social media interaction.
- Fine-tuned custom AI models with PyTorch, achieving 10–15% performance gains over baseline LLMs in classification and summarization tasks.
- Orchestrated AI deployment on GPU-accelerated infrastructure (AWS/GCP), resulting in 50% faster inference times and improving scalability across production environments.

Lead Software Engineer, **CommPeak** Apr 2020 — Dec 2021

- Designed and deployed a data warehousing solution with real-time analytics, improving executive decision-making speed and increasing reporting accuracy by 20%.
- Developed a custom Agile workflow tailored to team dynamics, resulting in a 25% increase in sprint velocity and stronger collaboration across engineering, product, and QA.
- Led a team of 5 developers in creating a scalable cloud-based SaaS platform, improving deployment efficiency by 35% within a year
- Oversaw a major platform upgrade (v3.0), delivering new features to 100,000+ users with zero downtime and ensuring a seamless migration process.
- Managed and mentored a team of 5 developers in building a cloud-native SaaS solution on AWS/GCP, increasing infrastructure efficiency by 35% and reducing operational overhead.

AI & Backend Developer, **iHashing** July 2018 — Dec 2019

- Performed advanced data analysis to uncover trends in logistics operations, enabling a 25% reduction in delivery time and a 15% boost in on-time performance for a transportation firm.
- Built and maintained AI-driven quality control systems for a manufacturing client, leading to a 15% drop in production defects and a 10% improvement in product consistency.
- Implemented machine learning algorithms for optimized customer segmentation in a retail environment, driving a 30% increase in marketing ROI through personalized campaigns.
- Developed an AI-powered recommendation engine for an e-commerce platform, enhancing user experience and contributing to a 20% rise in customer engagement and a 10% lift in sales.
- Designed and deployed predictive analytics models that improved sales forecasting accuracy by 15%, supporting better inventory planning and demand prediction.

Software Engineer, **BitRefine Group** Aug — Dec 2017

- Collaborated on pro bono branding projects, delivering 5+ full-scale brand systems and websites for community organizations, improving digital reach by up to 60%.
- Partnered with UI/UX teams to revamp key web interfaces, improving accessibility and increasing average session duration by 15%.
- Developed and integrated RESTful APIs, enabling real-time data sync across 4+ third-party platforms, reducing manual workload by 30%.
- Created interactive dashboards using D3.js, enabling clients to visualize KPIs and trends, improving operational insights and decision-making.

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## SKILLS

### Programming Languages

Python, Javascript, Typescript, PHP, C#, Java

### Libraries & Frameworks

React, Next.js, Svelte, Node.js, Flask, FastAPI, Nest.js, Laravel, Expo, Ionic, XYflow, Elkjs

### Machine Learning Frameworks

PyTorch, TensorFlow, Numpy, Pandas, LangChain, OpenAI API, Whisper

### Tools & Platforms

Git, Github, Docker, AWS, Webpack, Firebase, Storybook, Figma, Digital Ocean

## SELECTED PROJECT

### ImagineArt

ImagineArt is a fantastic AI generator for creating social media graphics and marketing materials. It helps me generate eye-catching visuals that resonate with our target audience.

### StellaryAI

StellaryAI is a trailblazing all-in-one AI creativity platform that empowers creators by aggregating a wide range of generative AI tools for images, videos, voiceovers, and music into a unified, web3-powered interface.

## EDUCATION

### Lingnan University

Bachelor of Computer Science

## INTERESTS

Snowboarding, Billiards, Science Fiction  
Novels, Web Accessibility