Ti Bui

Toronto ON Canada

Portfolio   - tibui.dev@gmail.com   - Linkedin - GitHub

TECHNICAL SKILLS

Working Knowledge: JavaScript, Typescript, Python, Pytest, CloudWatch, ReactJS, NextJS, PostgreSQL, RDS, Lambda, ElastiCache, API Gateway, HTML/CSS, Tailwind, NodeJS, Postman, Git, GitHub, Agile(Scrum)

Exposed To: Django, Redis, ECS, EC2, Docker, MySQL, Jupyter Notebook, Framer Motion, GSAP, ThreeJS, GLSL Shaders, React Three Fiber, SASS, ExpressJS, Figma

WORK EXPERIENCE

Fullstack Software Engineer (Contract)

MultplAI, Toronto ON   Jan 2024 - Present

Tech stack: Python, Pytest, Flask, PostgreSQL, NextJS, Tailwind, Typescript, ECS, CloudWatch, Lambda, ElastiCache, Scrapy, ScrapeOps, FastAPI, Postman, Git, GitHub, GitHub Actions

- Enhanced web scraping logic precision from **35% to 90%** for dynamic job boards using **Python**, **Scrapy**, **ScrapeOps** and **Beautiful Soup**.
- Spearheaded migration from **CloudWatch** to **BetterStack** for **Lambda** observability, optimizing system monitoring and slashing bug detection time by **67%**.
- Engineered VPC networking with **NAT Gateway** to enable seamless communication between **ElastiCache** and **Lambda** within a private subnet, and with external **ECS**. This implementation enabled cache operations development, resulting in real-time scraping status monitoring on the UI and eliminating the previous 15-minute wait time for users.
- Led design and development of a Chrome plugin using **Plasmo**, **Typescript** and **Tailwind** that streamlined the job tracking process, significantly cutting tracking time from multiple steps to a single click.
- Initiated and led implementation of comprehensive backend unit testing with **Pytest**, integrating automated tests into CI/CD pipelines via **GitHub Actions**.
- Led daily stand-ups, sprint planning, ticket scoping, retros, and cross-team demos in an **Agile** environment using **Jira** and SCRUM, helping the team resolve blockers and improve delivery cadence.

Frontend Developer (Contract)

ClaimTradium Corp, Toronto ON   Jan 2024 - Mar 2024

Tech stack: Next.js, Typescript, Tailwind, DaisyUI, Axios, Figma, Git, GitHub, Postman

- Led frontend development using **NextJS** and **Typescript**, culminating in the successful deployment and launch of the web application with its own domain.
- Developed auto-fill functionality within input fields, resulting in increasing form completion speed from 5 minutes to 30 seconds.
- Orchestrated web design initiatives to elevate UI/UX standards, leveraging **Figma** to craft high-fidelity mockups.

Photographer

Self-employed, Ho Chi Minh city, Vietnam   Jun 2018 - July 2021

- Played a key role in guiding visual decisions for showcasing startups' products on social media, resulting in a significant **10X** increase in social media engagement and consistently sold out products over six months.

EDUCATION

BrainStation   Ontario
Diploma in Software Engineering   *Mar 2023 - Aug 2023*

Concordia University   Montreal, QC, Canada
Bachelor of Arts - BA, Philsophy   *Jan 2023 - Apr 2023*

RMIT University Vietnam   Ho Chi Minh, Vietnam
Bachelor in Digital Medias   *Jul 2021 - Oct 2021*