Ti Bui

Portfolio - Email - Linkedin - GitHub

TECHNICAL SKILLS

Working Knowledge: JavaScript, Typescript, Python, Pytest, CloudWatch, ReactJS, NextJS, PostgreSQL, RDS, Lambda, ElastiCache, API Gateway, HTML/CSS, Tailwindcss, 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, Tailwindcss, Typescript, CloudWatch, Lambda, ElastiCache, Scrapy, FastAPI, Postman, Git, GitHub

- Enhanced **web parsing** logic precision to **90%** for dynamic job boards using **Python**'s web scraping library **Beautiful Soup.**
- Migrated from **CloudWatch** to **BetterStack** for **AWS Lambda observability**, enhancing **system monitoring** and reducing bug detection time by **200%.**
- Developed a **Chrome plugin** using **Plasmo** and **Typescript** that streamlined the job tracking process, significantly **cutting** tracking time from multiple steps in **15 seconds to a single click in 1 second**.
- Conducted **unit testing** using **Pytest**, achieving **89% code coverage** for all backend **API endpoints**, and **automating** development build deployments to **AWS Lambda.**
- Configured **NAT Gateway** for **Lambda** in private subnets, enabling secure internet access and optimizing **VPC networking** for distributed system.
- **Architected** and implemented **caching system** using **ElastiCache**, enabling real-time **web scraping** status updates and substantially enhancing **UX.**
- Facilitated daily stand-ups, retros, and cross-team demos in an **Agile environment**, resolving blockers and improving production output.

Frontend Developer - Freelance

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 x10 increase in post 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*