Trần Bình An

IT ENGINEER

Fullstack Engineer with over 2 years of experience, specializing in backend development using Python. Practical expertise in automation, machine learning, and LLM-based applications. Proficient in building scalable systems and integrating FastAPI, LangChain, and data workflows. Also experienced in frontend development with ReactJS in real-world projects.

INFOMATION

- ✉ tranbinhan1100@gmail.com
- 📞 0973467355
- 🌐 tranbinhanpf.vercel.app
- 📍 My Khanh Can Tho
- ℹ github.com/anishere

EDUCATION

Nam Cần Thơ University

Information Technology Engineer

2020 - 2025

- GPA: **3.7**/4.0
- Graduation Thesis: "Multifunctional Language Processing System Applying Artificial Intelligence" – awarded the highest grade.

Sóc Trăng Vocational College

Intermediate Diploma in Computer Assembly and Maintenance

2018 - 2019

- Graduation Project (Excellent): "Optimization of LAN Systems and Networking Devices"

WORK EXPERIENCE

09/2024 - Current

ADHIGHTECH Co., Ltd.

Full Stack Developer (brandsmetric.com) (websitechecker.brandsmetric.com) (bloom.drphilippengo.com)

- Developed a multifunctional document and text processing system: translation, language analysis, document & embedded image processing, image translation, STT, and TTS; leveraging LLMs and models such as Whisper and EasyOCR.
- Built a website evaluation software assessing multiple criteria (performance, UX, UI, page speed, SEO), integrated AI for automated data analysis and scoring.
- Collaborated with a mentor and technical team to develop an automated data collection system using Python, Selenium, and BeautifulSoup; collected and processed 100,000+ news articles from

Google news websites and integrated CAPTCHA solving with pydub and EasyOCR.

- Designed and implemented NLP pipelines: PhoBERT for sentiment classification and LangChain-powered LLMs for keyword extraction and summarization, achieving over 85% accuracy in analyzing unstructured user feedback.
- Co-developed a modular backend with FastAPI, including RESTful APIs, asynchronous task handling, and LangChain prompt routing, reducing response latency by ~30% in batch processing.
- Built a ReactJS dashboard to visualize sentiment trends and keyword insights across multiple product categories.
- Contributed to deployment and production setup using aaPanel: server configuration, scheduled automation, and secure access management.
- Assisted in writing scientific research papers to establish the novelty and practical value of the system, ensuring intellectual property protection.

Technology: LangChain, RAG, Python, FastAPI, Reactjs, RESTful API, Docker, MySQL

03/2023 - Current
Freelance

Full Stack Developer (bannerblitz.adhigtechn.com) (panelhaiviet.com) (panelmiennam.vn)

- Built an end-to-end automation system to collect and monitor e-commerce data, including price fluctuation tracking, leveraging web scraping and scheduling techniques.
- Developed two machine learning models (classification and regression) using datasets from Monash University, covering data preprocessing, model selection, and accuracy evaluation.
- Developed a Bloom's taxonomy-based question generation tool from educational materials, enabling the creation of question banks and randomized test papers.
- Developed a web-based software for automated banner generation, applying multi-agent technology to enhance Vietnamese text quality in LLM-generated images, achieving over 80% accuracy.
- Built an online sales website for a business.

Technology: LangChain, RAG, Python, FastAPI, Reactjs, RESTful API, Docker, MySQL, Wordpress,...

HONORS & AWARDS

Startup Wheel 2025
Top 100 Startup Wheel Viet Nam

Yout Startup 2025
Top 20 Youth Startup

ADHIGHTECH LTD Co.
Outstanding Intern Certificate

MORE

- **Skills**: HTML, CSS, Javascript, Python, Reactjs, Git, Automation, Fast API, Machine Learning, Image Processing, Wordpress, SQL, MySQL
- **Language**: Vietnamese (Primary), English (B1).