

BUI MINH CUONG



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<https://michaeltechs.xyz/>



<https://github.com/kyoo-147>

Summary:

- I am a product-oriented full-stack developer with 5 years of experience developing projects and building startup products. I have practical experience in building, deploying, and managing full-stack systems using technologies such as React, Next.js, Node.js, PostgreSQL, Python, and C++.
- I am passionate about learning new technologies and solving real-world problems. I am also a strong team collaborator with a continuous learning mindset. I enjoy working with others, taking responsibility for challenging tasks, and contributing to a win-win environment where both the company and I can grow together.

Work experience:

Autonomous Vehicle System Level 3 Research — BFMC

[Link Project](#)

Role:	Project Manager - AI Engineer	Team Size:	7
Tech Scope:	Python, C++, Computer Vision, AI Model Development, Real-time Processing		
Project Description:	• Developed an autonomous vehicle system in collaboration with Bosch, aiming to research and implement advanced autonomous driving capabilities for a scaled smart vehicle platform. • Worked on real-time processing problems involving lane following, traffic situations, obstacle handling, and smart mobility scenarios. • Participated in Bosch Future Mobility Challenge 2024 and 2025, reaching Top 15 Worldwide and generating approximately \$4,000 in revenue.		

Pharmaceutical QC Defect Detection Machine

[Link Project](#)

Role:	Project Manager - AI Engineer	Team Size:	4
Tech Scope:	Python, C++, Deep Learning, Object Detection, Industrial Camera, Edge AI		
Project Description:	• Optimized the medicine inspection workflow and generated approximately \$11,000 USD in business value. • Designed and developed a computer vision system to inspect blister packs and detect visual defects, deformities, and abnormal product conditions. • Integrated camera input, image preprocessing, model inference, result classification, and reporting into a production-oriented workflow. • Optimized the manual inspection process, improving QC efficiency and reducing operational dependency on human checking.		

MoYi Edge Translation

[Link Project](#)

Role:	Founder - Product Builder - AI Engineer	Team Size:	3
Tech Scope:	C++, Python, Embedded		
Project Description:	• Founded and developed MoYi Edge Translation, an AI-powered edge translation platform for multilingual factory, logistics, and operations environments where context, terminology control, and critical safety messaging are key. • Built integrated prototypes across desktop and mobile devices, including local language-prioritized translation, terminology enforcement, safety phrase checking, and real-time meeting/workflow support. • Guided the project toward startup funding and field testing, progressing to final rounds in competitions such as Qualcomm, AI Global, and Solution.		

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Work experience:

Dossier - Agentic Document Intelligence

[Link Project](#)

Role:	Founder - Product Builder - AI Engineer	Team Size:	3
Tech Scope:	React, Next.js, Node.js, Python, PostgreSQL, OCR, LLM, REST API		
Project Description:	- Developed an AI-powered document processing platform focused on invoice review, OCR extraction, document classification, risk detection, and approval workflow. - Built agentic OCR workflows with provider routing, repair loops, validation checks, and fallback handling to improve reliability on messy business documents. - Designed review flows for detecting missing fields, abnormal values, inconsistent document data, and potential operational or financial risk signals. - Supported pilot testing with 5+ businesses, moving the project toward commercial validation, customer feedback, and funding readiness.		

Tech Skills:

Programming language:	JavaScript, TypeScript, Python, C++, C#, SQL
Frontend Development:	React, Next.js, HTML5, CSS3, Tailwind CSS, Responsive Web Design
Backend:	Node.js, REST API, Authentication, API Integration
Database:	PostgreSQL, MySQL, Supabase, MS SQL Server, MySQL
Tools:	Git, GitHub, Docker, Vercel, Postman, Figma
Certificates:	<u>Certificates obtained</u>
Soft Skills:	- Project management - Elevator Pitch - Business communication - Problem solving - Teamwork

Education:

Lac Hong University	Majored in Information Technology	From 09/2022 to 09/2026
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About myself & Goal:

- Able to work through challenging problems with persistence, ownership, and a strong belief that difficult work creates valuable learning, even when the outcome is not perfect.
- I aim to contribute to meaningful products that create real value for users and businesses. I want to work in a win-win environment where I can bring value through ownership, execution, and continuous improvement, while growing my technical, product, and leadership skills.
- I want to build products that are not only technically strong but also useful, scalable, and valuable to people.
- My long-term goal is to become a product-oriented engineer who can solve real problems, think from first principles, and help turn ambitious ideas into practical, reliable software systems.