# ĐẶNG TRẦN MINH ĐỨC

Junior Full-Stack Developer | React / JavaScript / PHP / Python
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GitHub: https://github.com/MinDuck404 | Portfolio: https://www.minduck404.com/portfolio

## PROFESSIONAL SUMMARY

Junior Full-Stack Developer building production web applications across CMS/admin dashboards, fintech payment systems, and CRM workflows. Translates Figma designs into responsive React, Next.js, Nuxt.js, and TypeScript interfaces and develops backend REST APIs, webhooks, authentication, and role-based access control using PHP (CodeIgniter 4), Python (FastAPI), Node.js, and MySQL.

Currently developing an AppSheet pharmacy CRM as a freelance developer for Arixl Pty Ltd, combining mobile field workflows with data quality review and multi-source record reconciliation.

## TECHNICAL SKILLS

**Frontend:** JavaScript (ES6+), TypeScript, React, Next.js, Nuxt.js, Vite, Tailwind CSS, Radix UI, Bootstrap, React Hook Form, Zod, next-intl, responsive UI.

**Backend:** PHP, CodeIgniter 4, Laravel, Python, FastAPI, Node.js, Express.js, RESTful APIs, webhooks, server-side validation.

**Auth & Access Control:** Access/refresh tokens, protected routes/APIs, RBAC, role and permission management, Fernet encryption.

**Database & Tools:** MySQL, SQLite (FTS5), PostgreSQL, MongoDB, SQLAlchemy, Playwright, Docker, Git, Postman, Figma, Cloudinary, AppSheet, Google Sheets, Google Colab, Kaggle.

**Additional:** LLM APIs (Claude, OpenAI, Gemini), speech recognition, model deployment, UI/UX optimization, debugging, refactoring, data quality review, record matching.

**Familiar / Basic:** TensorFlow, OpenCV, PyTorch, image classification, YOLO.

## PROFESSIONAL EXPERIENCE

### ARIXL PTY LTD

#### CRM Developer | Freelance

09/2026 - Present | Remote

- Build a mobile pharmacy CRM in AppSheet and Google Sheets for field access to pharmacy profiles, sales assignments, and territories.
- Implement customer search, territory filtering, visit-note logging, and follow-up workflows aligned with sales team operations.
- Review 1,700+ pharmacy records and 700+ visit notes to surface missing contact details, inconsistent controlled values, and sales/territory mapping gaps.
- Clean and reconcile multi-source CRM records using Python, PHP, and MySQL to improve data consistency and support ongoing app development.

**Technologies:** AppSheet, Google Sheets, Python, PHP, MySQL.

### DTE VENTURES - ATOK

#### Frontend Developer

03/2026 - 07/2026

- Shipped responsive CMS/Admin dashboards supporting coupons, admin announcements, mini-games, item management, and point-to-voucher redemption.
- Translated Figma designs into pixel-consistent interfaces across mobile, tablet, and desktop using Next.js, React, Tailwind CSS, and Radix UI.
- Built reusable admin UI patterns including data tables, search, multi-filter controls, pagination, modals, drawers, confirmation dialogs, and status displays.
- Integrated RESTful CRUD APIs with React Hook Form and Zod schemas for validation, default values, API error handling, and loading/submission states.
- Delivered English, Korean, and Vietnamese interfaces via next-intl and implemented permission-based UI rendering for admin actions.
- Partnered with designers, backend engineers, and QA via Git to resolve functional, responsive, and integration issues.

**Technologies:** Next.js, React, Tailwind CSS, Radix UI, React Hook Form, Zod, next-intl, REST APIs.

**TTR GROUP**

**Full-Stack Developer**

08/2025 - 02/2026

**TTR PAY - Payment Gateway**

- Built CodeIgniter 4 REST APIs and Nuxt.js pages for a gateway supporting bank transfers, cards, and partner providers.
- Implemented incoming and outgoing webhooks validating transaction IDs, amounts, and statuses before updating internal records.
- Created real-time Nuxt.js payment status screens and end-to-end post-payment redirect and callback flows.
- Partnered with payment providers via email to obtain specs, integrate gateways, and resolve production incidents.
- Strengthened API reliability, structured error handling, and transaction stability across financial workflows.

**TTR CASH - E-Wallet System**

- Built backend APIs and Nuxt.js pages for an internal merchant/sub-merchant e-wallet covering balances and top-up/transfer/payment history.
- Built multi-chart dashboards, period account histories, transfer flows, KYC screens, root permissions, and admin management views.
- Enforced pre-deduction balance checks and transaction consistency alongside MySQL schema design and query optimization.
- Implemented individual/corporate KYC verification, hierarchical root/node/sub-node accounts, and RBAC.
- Added access/refresh tokens, protected APIs, password reset, avatars, sidebar/profile/KYC UI, and withdrawal emails.

**Technologies:** PHP, CodeIgniter 4, Nuxt.js, MySQL, REST APIs, Webhooks, Git.

## PROJECTS

### FeedLens | Python, FastAPI, Playwright, React, TypeScript, SQLite, Docker | 10/2026

- Built an open-source (MIT) social feed digest app scraping Facebook, LinkedIn, X, and Reddit via logged-in Chrome sessions, saving raw posts to SQLite for re-analysis without re-scraping.
- Integrated Claude, ChatGPT, Gemini, and an offline keyword fallback to produce newspaper-style digests, up to 12 custom topics, 7/30/90-day trends, and SQLite FTS5 Ask AI with verified [#id] citations.
- Added local pypdf CV parsing (0-100 match scores and missing-skill gaps), EN/VI/ZH UI, and Render/Docker hosting | https://github.com/MinDuck404/feedlens

### VN-SubMaker | Python, Flask, PyTorch, Whisper ASR, FFmpeg, Docker | 2024 - 2025

- Fine-tuned Whisper-large-v3-turbo on 10 Vietnamese corpora (viVoice, viet_vlsp, FLEURS, Bud500), cutting WER 54.19% to 12.36% and CER 31.64% to 7.66% on 500 VLSP2020 files vs. whisper-base.
- Built a Dockerized Flask app with 5s chunking, SSE progress, and FFmpeg burn-in (.txt/.srt/MP4) | https://github.com/MinDuck404/VN-SubMaker

### eShop | MERN, Material UI, JWT, Firebase, Cloudinary, MoMo | 2024 - 2025

- Designed and built end-to-end 3-app MERN store (GearZone, MUI admin, Render API; 17 models).
- Added 17 route modules, JWT/bcrypt auth, 6-digit OTP, Google Sign-In, Cloudinary, Recharts & MoMo HMAC checkout | https://github.com/MinDuck404/eShop

### Earlier Projects | Python, Pygame, PHP, Laravel, MySQL | 2022 - 2023

- **Checkers Game:** Pygame PvP and depth-4 Minimax AI on 8x8 board with chain jumps, Kings, Undo | https://github.com/MinDuck404/Checkers
- **Movie Website (DUCCMovie):** PHP/Laravel/MySQL catalog (6 shelves, filters, bookmarks, embedded video) + admin CRUD for films, genres, episodes, countries, users.

## EDUCATION

Bachelor of Information Technology | Vietnam Aviation Academy | 2021 - 2025

## HONORS & AWARDS

Finalist - VPBank Technology Hackathon 2025: Top 20 of 200+ teams nationwide; developed an AI-powered financial solution for banking process redesign.

## CERTIFICATION

TOEIC 570 | ETS | 2024