

CHAT Dina

Data Scientist

About Me

AI-Driven Engineer with over 6 years of professional experience and a recently completed Master of Data Science & Engineering from the Royal University of Phnom Penh. I specialize in bridging high-performance software engineering (Vue, Laravel, Python APIs) with advanced data analytics to build scalable, data-driven solutions. Having architected complex systems ranging from enterprise POS platforms to LLM-integrated pipelines, I am uniquely positioned to translate raw big data into actionable business insights as a Digital Data Scientist

Work Experience

Jan 2023 - Present

ABA Bank

Frontend Developer

- Custom UI Architecture: Engineered high-performance, reusable components from scratch.
- Mobile Mini-App Integration: Developed responsive mini-apps with secure bridge connections for native mobile services, payment processing, and seamless data transmission

Jul 2021 - Jan 2023

Z1 Flexible Solution

Backend Developer

- End-to-End Project Delivery: Orchestrated the full development lifecycle for enterprise-level platforms (POS and CRM).
- Data Visualization & Insights: Engineered optimized management dashboards using Vue.js and Chart.js.
- Engineered Scalability: Developed core system features using strict Object-Oriented Programming (OOP) principles and implemented automation testing (Playwright) to maintain high-quality code standards.

Technical Achievements

- Engineered a deep learning model for Khmer document layout detection, successfully automating the identification and segmentation of structural elements in local language documentation.
- Multi-Agent AI Systems: Architected a sophisticated workflow using LangGraph to orchestrate multi-agent LLM interactions.
- Leveraged Power BI to transform raw data flows into automated insights.

References

Veau Viney

Canadian bank
IT manager

Reth Hongty

ABA Bank
Backend developer



Contact

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Education

Master of Data Science and Engineering

Royal university of Phnom Penh
2024-March 2026

Information Technology Engineering

Royal university of Phnom Penh
2018 - Jan 2022

Skills

- Vue/Nuxt
- Python
- PHP
- Miniapp
- Computer Vision and LLM

Language

Khmer

English