

Nyein Chan Aung

AI Product Manager | Behavioral Intelligence & Data Science



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[AIT, Thailand](#)

SUMMARY

Product manager and AI practitioner with 10+ years of driving digital product lifecycles across fintech, agri-tech, and education. Completed an MSc in Data Science & AI at the Asian Institute of Technology, with hands-on experience building NLP pipelines, LLM-powered virtual agents, and agentic AI systems. Proven ability to translate behavioral data, user insights, and predictive analytics into scalable products that support performance improvement, leadership development, and decision-making. Experienced in stakeholder management, agile delivery, and building products at the intersection of AI, human performance, and behavioral intelligence.

EDUCATION

Master of Science in Data Science and Artificial Intelligence (DSAI)

Aug 2024 - May 2026

Asian Institute of Technology

- *Data Modeling and Management | Machine Learning | Business Intelligence and Analytics | Computer Programming for Data Science and Artificial Intelligence | Artificial Intelligence: Natural Language Understanding*
- ***Thesis:*** "Investigating Personalized Learning Style Adaptation in RAG-MCP Using Virtual LLM Agents": *designed and evaluated an FSLSM-conditioned RAG-MCP tutoring framework using virtual LLM student agents, demonstrating significant personalization gains in style conformance and learner engagement.*

Bachelor of Science in Business Information Technology (BIT)

Dec 2011 - March 2014

University of Greenwich

- *Database Design and Implementation | Information Systems Engineering | Development Frameworks and Methods | Network Security and Cryptography*

WORK EXPERIENCE

Digital Product Consultant, Village Link Co. Ltd.

Sep 2024 – Present

- Lead AI-driven product initiatives including an Agro-Climatic Advisory Message Generator and a Chatbot for Farmers (POC), applying LLMs, NLP, and prompt engineering to deliver personalized advisory experiences.
- Define product vision, strategy, and roadmaps in collaboration with C-suite stakeholders, ensuring alignment between technical capabilities and business objectives.
- Use data and behavioral analytics to measure product performance, identify improvement areas, and inform iterative development.
- Oversee end-to-end product delivery using agile methodologies with 2-week sprint cadence across mobile, web, and dashboard platforms.

Product Manager, Village Link Co. Ltd

Nov 2019 - Aug 2024

- Built and launched Htwet Toe V2.0, a mobile-first agricultural platform with 300,000+ registered farmers, developing comprehensive PRDs and orchestrating cross-platform delivery (web, Android, iOS).
- Led development of AI-Powered Pest & Disease Detection (pilot), eKYC OCR tool, and a Digital Loan Management system, demonstrating ability to scope and ship AI/ML-integrated products.
- Managed vendor relationships, in-house development teams, and B2B/B2C client communication, ensuring product-market fit and stakeholder satisfaction.
- Migrated 100,000+ user-generated records from the legacy system to the new platform, demonstrating strong data management and systems thinking.

WORK EXPERIENCE

Product Owner, True Money Myanmar Co., Ltd.

March 2019 - Oct 2019

- Collaborated with Product Lead on technical feasibility for fintech features, bridging the gap between user experience research and developer implementation.
- Conducted user experience surveys and prepared insight reports with actionable improvement recommendations.
- Supported B2B partnership meetings and provided optimal solution guidance for business collaborations.

Project Manager, 360ed Edu Tech Co., Ltd.

June 2018 - March 2019

- Served as Scrum Master for cross-platform AR/VR educational applications (Web, Android, iOS), driving agile sprint planning and milestone delivery.
- Coordinated product updates across management, sales, marketing, development, and design — broad stakeholder alignment experience.
- Assisted CTO in preparing project proposals, translating business needs into actionable product roadmaps.

Program Manager, New Westminster Co., Ltd.

October 2016 - May 2018

- Managed full product roadmap for a Job & CV Discovery Platform and a Social Learning Platform, covering design through iOS/Android/Web delivery.
- Led requirement elicitation, market analysis, and competitor research to inform strategic product decisions.
- Designed and oversaw training workshop programs and marketing campaigns for internal and external stakeholders.

Lead Developer, New Westminster Co., Ltd.

June 2015 - September 2016

- Architected and built CV Discovery and Social Learning platforms from scratch, designing database and system architecture for multi-user ecosystems.
- Led development team of senior and junior engineers, providing technical guidance and code reviews.
- Implemented AJAX-enabled web applications using PHP, JavaScript, MySQL, HTML, and CSS.

Developer, Global Connect Asia

June 2013 - September 2014

- Developed web applications using PHP, JavaScript, MySQL, and CMS frameworks (Drupal, WordPress).
- Developed Drupal CMS themes and templates per UI/UX designer specifications; implemented event web apps using the internal web form builder platform.
- Developed customized XML files to generate dynamic transactional web applications.
- Implemented AJAX-enabled interfaces and integrated third-party APIs for data exchange and content delivery.

SKILLS & COMPETENCIES

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|--------------------------|----------------------|------------------------|-----------------|
| • Product Management | • Prompt Engineering | • Data Analytics | • Python |
| • Project Management | • Agentic AI | • Data Science | • PHP (Laravel) |
| • Stakeholder Management | • RAG Systems | • LLMs & NLP | • NodeJS |
| • User Research & UX | • Virtual Agents | • Behavioral Analytics | • ReactJs |
| • Agile / Scrum | • Chatbot Design | • BI & Visualization | • Django |

HIGHLIGHTED PROJECTS

- **Agro-Climatic Advisory Message Generator (AI)** | Mar 2026 – Feb 2027: AI system generating personalized climate advice for farmers through LLMs and environmental data, tailored for scalable delivery to agricultural communities.
 - **Chatbot for Farmers: Pilot / POC** | Nov 2025 – Apr 2026: Conversational AI chatbot providing contextual agricultural guidance using NLP. Developed user flows, prompt logic, and evaluation criteria for coaching-style interactions.
 - **Digital Loan Management & POS System (MMTW)** | Aug 2024 – Aug 2026: Cross-platform microfinance system for managing cash and in-kind loans, with multi-role workflows, POS for agricultural returns, and offline-to-cloud data sync.
 - **Channel Management Platform – AWBA Force IQ** | Nov 2023 – Dec 2025: Field task management platform for area managers to assign, track, and evaluate extension workers with mobile reporting and web-based oversight in Myanmar.
 - **Htwet Toe V2.0 (Agriculture-Social Platform)** | Nov 2020 – Present: Mobile-first platform for 300,000+ farmers in Myanmar, offering advice, solutions, and community services.
 - **Shwe Bo Traceability Application (Agriculture)** | Nov 2023 – May 2024: Rice traceability tool tracking Shwe Bo Pawsan Rice from field to market for GI product certification, supporting offline buyer-seller transactions with cloud sync.
 - **Loan Wallet App – Aye Say Pay (Microfinance)** | Oct 2022 – Apr 2023: Digital loan and repayment platform for Zega Finance, integrated with core banking on iOS, Android, and web.
 - **Customer Loyalty Platform (Agriculture)** | Jun 2020 – Dec 2020: Membership and discount code-based reward system designed for loyal agricultural customers of Myanma Awba.
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COMMUNITY INVOLVEMENT

- **Energy Data Training (2026)** — Trainer: Improved the skills of Bhutanese government officials in energy data management and digital applications.
- **Youth Entrepreneurship Program (2022)** — Mentor: Guided early-stage tech founders in secondary cities.
- **I2N Innovate to Nourish Challenge (2021)** — 2nd Runner-Up: Proposed an innovative farmer-buyer matchmaking platform for nutritious food access.
- **Product Talk Myanmar (2021)** — Organizer: Founded the first product management community event in Myanmar.
- **Hackathon 2018 & 2019 (Ooredoo / AngelHack Myanmar)** — Mentor: Advised teams on product scoping and agile execution.
- **Agri Hack Challenge (2018)** — 2nd Place: Developed an AR-powered agri-input guidance mobile app.
- **UniHack Challenge Series (1, 2 & 3)** — Organizer: Led Myanmar's premier university hackathon series, including blockchain-themed editions.
- **UNICEF Data Visualization Hackathon (2018)** — Organizer/Mentor: Guided multidisciplinary teams on project scoping and data storytelling.