

Cynthia (Mengyuan) Li

Portfolio: <https://cynthialmy.github.io/>

Calendly: <https://calendly.com/cynthiali/30min>

Email: cynthiamengyuanli@gmail.com | Mobile: (+46)70-569-6136

SUMMARY

Technical Product Manager with expertise in leading data-driven solutions and backend engineering. Proven ability to translate complex technical requirements into actionable strategies and aligning engineering efforts with business goals. Skilled in driving cross-functional collaboration, and delivering scalable platforms that enhance user experience and developer efficiency.

EXPERIENCE

- Volvo Cars** Gothenburg, Sweden
Global Rotation - Data Platform Aug 2023 - Present
 - Lead Capture and Conversion:** Spearheaded key initiatives in the Fleet cluster to enhance Search Engine Optimization (SEO) and Conversion Rate Optimization (CRO), driving a 25% improvement in lead quality tracking. Designed Power BI dashboards and user segmentation tools to support data-driven decision-making.
 - Generative AI for Procurement:** Led the development of a **Generative AI platform** for contract management using Azure OpenAI, cutting contract retrieval times by 70% and benefiting over 600 users. Delivered scalable solutions through close collaboration with engineering and procurement teams.
 - Analytics Governance:** Implemented a **governance framework** to standardize data practices across analytics teams, improving data integrity by 20%. Automated compliance workflows using Python and GitHub Actions, reducing validation time by 15%.
- Atkins** Atlanta, GA
Engineer II Jan 2019 - Jun 2021, Aug 2022 - Jul 2023
 - Data-Driven Structural Workflows:** Designed and implemented a **data ingestion platform** to streamline structural engineering processes, increasing decision-making efficiency by 30%. Automated bridge rating workflows using Python, accelerating project delivery timelines and enhancing operational efficiency by 30%.
 - Interactive Data Visualization:** Developed Python-based **visualization tools** (Bokeh, D3.js) to enable real-time analysis of large datasets, reducing analysis time by 40% and improving client reporting.
- SAP** Shanghai, China
Consultant - Cloud Platform Feb 2022 - Aug 2022
 - Data Integration Framework:** Implemented a cloud-based **data integration framework**, achieving a 38% improvement in data processing accuracy and full compliance with EDIFACT standards.
 - Architecture Optimization:** Refined and optimized **data flow architecture**, leading to a 20% increase in user adoption and reducing system error rates by 15%.
 - Stakeholder Alignment:** Collaborated with stakeholders across product and engineering teams to deliver scalable cloud solutions that addressed client needs and compliance requirements.
- Airwallex** Shanghai, China
Product Manager - Global Transfer Payment Network Nov 2021 - Feb 2022
 - Workflow Scalability:** Redesigned and optimized batch workflows, increasing transaction volume capacity by 20% and reducing processing times. Led cross-functional teams to ensure seamless implementation and improved user experiences.
 - Payment Network Expansion:** Collaborated with engineering teams to expand the SWIFT payment network to 17 countries, enhancing market reach by 12%. Aligned technical execution with strategic market expansion goals for successful deployments.
- Alibaba Group** Hangzhou, China
Backend Engineer - Last-mile Delivery Jul 2021 - Nov 2021
 - Feedback System Optimization:** Developed and deployed a **RocketMQ-based feedback processing system**, reducing false delivery reports by 74% and improving platform reliability.
 - Scalable System Design:** Enhanced system scalability to handle peak loads during high-demand periods, increasing customer satisfaction by 15%. Ensured robust fault tolerance through real-time monitoring solutions.
 - Cross-Functional Collaboration:** Worked closely with product and operations teams to align system performance with user experience expectations, delivering improvements within tight deadlines.

SKILLS

- Platforms & Programming:** Kubernetes, Kafka, Airflow, Snowflake, RocketMQ, Python, RESTful, GraphQL, YAML, Terraform
- Data Engineering & Analytics:** SQL, Data Contracts, Data Governance, Data Pipelines, Power BI
- Product Management :** JIRA, Confluence, Azure DevOps, Wireframing and prototyping dashboards and internal tools (Figma, Miro)
- Certifications:** AWIT Product Management Professional (2024), IIBA Certified Product Manager (2023), Develop GenAI Solutions with Azure OpenAI (2023), SAP BTP Certified Developer (2022)
- Languages:** Fluent in English, Mandarin, and Cantonese

EDUCATION

- Georgia Institute of Technology** Atlanta, GA
M.Sc. in Computer Science (2021–2023), M.Sc. in Structural Engineering (2017–2018), GPA: 3.77/4.0
- Hong Kong University of Science and Technology** Hong Kong
B.Eng. in Structural Engineering and Computer Science, Honors Sep 2013 – Jun 2017