Joachim Tan

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Product leader with 5+ years of experience with a proven track record of success in driving product innovation. Experience in leading cross-functional teams to develop and launch new products, as well as improve existing products.
Ex-entrepreneur for a 3D printing & B2C e-commerce company, Kaiva

WORK EXPERIENCE

Outer Labs   San Francisco, CA • Sep 2023 – Present
Data Product Manager
- Orchestrated the engineering of a data-centric planning and decision-support system to manage Google's real estate assets, leveraging ETL pipelines and API integrations for advanced data analytics. This strategic enhancement significantly elevated operational efficiency, optimized resource deployment, and improved strategic decision-making, leading to a 90% enhancement in performance metrics.
- Led the development of an automated data reporting function to enhance accuracy and efficiency in data reporting processes, contributing to an 80% increase in the accuracy of data reporting.
- Co-developed pseudocode creation alongside software engineers, driving seamless cross-team collaboration and ensuring robust, maintainable codebases aligned with organizational objectives.

Publicis Sapient   San Francisco, CA • Jun 2022 – Aug 2023
Product Manager
- Directed the migration of the CMS from Backbase to Adobe Experience Manager for a global bank, leveraging advanced data analytics and A/B testing methodologies to guide the redesign and user experience enhancements. This data-driven strategy not only modernized the bank's digital presence but also optimized user engagement, leading to measurable revenue growth and operational savings of $XXM.
- Implemented and analyzed A/B tests on two variants of the website. Established KPIs for the experiment, including page views, session duration, bounce rate, and conversion rates, leading to a 30% growth of users using the application.

Continental AG   Singapore • May 2021 – May 2022
Technical Product Manager
- Led a team of ML engineers on the development and training of machine learning models for a lane assist system in autonomous vehicles, utilizing TensorFlow frameworks to process and analyze sensor data (camera, LiDAR, radar), achieving high accuracy in lane detection under diverse driving conditions.
- Conducted in-depth analysis of market competitors and utilized Python and SQL for data analysis to propose strategic product evolution initiatives. The initiatives were aimed at enhancing the company's offerings and generating substantial revenue growth, with a budget allocation of over ($XXM).

ExxonMobil   Houston, TX • Oct 2019 – Apr 2021
Product Manager
- Led a team of engineers in the integration of existing laboratory applications onto the Azure cloud platform. The project aimed to modernize infrastructure, enhance scalability, and optimize costs, leading to potential savings of up to ($XXM).
- Orchestrated the development of an innovative lab workflow tool, which was refined through extensive user engagement, sessions with 10 core lab users to understand operational needs, resulting in a substantial 40% boost in workflow efficiency.
- Developed a Tableau heatmap for laboratory application users to identify Jira ticket trends. This initiative provided critical insights into operational bottlenecks, leading to targeted improvements and 50% increase in service delivery to laboratory users.

Software Engineer   Singapore • Jan 2017 – Sep 2019
- Led the development and implementation of a Global Robotic Process Automation (RPA) bot tailored for SAP Plant Maintenance business processes across upstream, downstream, and chemicals sectors. The initiative automated repetitive tasks and streamline operations, resulting in substantial annual business savings of ($XXM).
- Developed an iOS application tailored for maintenance business users to efficiently input data using apple devices during Turnaround operations, ultimately leading to significant cost savings of($XXM).

EDUCATION

Rice University   Remote • 2023 – Present
Masters in Data Science (part-time)
- Completed Coursework: Programming Languages (PL concepts, OO, Concurrency), Statistical Machine Learning, Data Visualization

University of Manchester   Manchester, UK • 2012 – 2016
MEng (Hons) Chemical Engineering – Second Upper Class Honors
- Relevant Coursework: Process Design & Simulation, Simulation Modelling

SKILLS, CERTIFICATION & LANGUAGES

Skills: Product Strategy; Product Roadmap; Cross Functional Team; Agile Methodology; AI/ML; User Experience Design; Microsoft Azure; AWS; Tableau; Power BI; Github; Snowflake; Amplitude; Swift; Python; JavaScript; Java; SQL; HTML/CSS
Statistical Tools: Scipy, Numpy, Pandas, TensorFlow, PyTorch, Matplotlib
Certifications: Certified SAFe 5 Agilist & Product Owner; Scrum Master Certified (SMC); Microsoft Azure Fundamentals; SAP Certified Application Associate
Languages: English (Native); Mandarin Chinese (Fluent)