

Aaron Tua

Product Manager

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SUMMARY

Product Manager with 1 year of experience developing full-stack web applications and integrating emerging technologies like blockchain and AI/LLMs. Skilled in architecting scalable systems and processes, agile methodologies, and translating requirements into technical specifications. Seeking to join a fast-paced startup with opportunities in innovation, design and AI.

EDUCATION

Singapore University of Technology and Design <i>Bachelor of Science in Design and Artificial Intelligence, Minor in Computer Science</i>	Sep. 2021 – Apr. 2026 Singapore
• Relevant coursework: Product & Service Design Studios, Human Computer Interaction and Artificial Intelligence, Computational Design Thinking	
University of California, Berkeley <i>Immersion Programme in Entrepreneurship</i>	Jan. 2024 – Aug. 2024 California, USA

PROFESSIONAL EXPERIENCE

Technology Consultant, Technology Solutions Delivery <i>Ernst & Young</i>	Sep. 2023 – Dec. 2023 Singapore
• Spearheaded the coordination of 20+ workshops across 5 workstreams, adhering to aggressive deadlines while managing dependencies in a mission-critical brownfield ERP deployment project for a national maritime company	
• Gathered and documented 100+ business requirements through user interviews and workshops, translating client needs into functional specifications for a large-scale SAP S/4 HANA implementation	
• Utilized Microsoft Visio to create 30+ process flow diagrams and SAP's RICEFW framework for documenting technical specifications, ensuring seamless software customization	
Full-Stack Engineer, Blockchain Engineer <i>Tatsu Works</i>	Jan. 2022 – Aug. 2022 Singapore
• Architected scalable Node.js backend for <u>Tatsu Discord chatbot</u> 's initial prototype, enabling seamless horizontal scaling to first 1 million concurrent users	
• Developed React frontend launch page for successful global rollout of Tatsumeeko's <u>Aethereal Parcels</u> products to 1,000 users on Ethereum	
• Engineered Rust linear vesting smart contracts on Solana blockchain to support secure token distribution for <u>Tatsumeeko</u> 's \$2 million NFT project sale	
Full-Stack Developer Intern <i>Dioworks Learning</i>	Jan. 2019 – Mar. 2019 Singapore
• Executed launch strategy for DioBrain, a React-based no-code chatbot creator for educators, with successful user testing from 25+ students at One World International School	
• Coordinated agile product development cycle of DioAcademy adult learning platform by liaising with external vendors and developers	

PROJECTS

Technical Product Manager - LangUR <i>Astro, Bun.js, Chrome Ext., Flask, LLMs</i>	Feb. 2024
• Spearheaded development for award-winning language learning companion Chrome extension LangUR. Surpassed 1100+ global participants to win Best Hack using an LLM at Stanford University's Treehacks 2024 hackathon	
• Established comprehensive feature roadmap through extensive design sprints, bringing project from ideation to functioning prototype in 36 hours	
Technical Product Lead - Kampung.SG <i>React, GCP/Vertex AI, Ruby on Rails</i>	May. 2023 - Aug. 2023
• Spearheaded full-stack development of <u>Kampung.SG</u> interfaith learning portal in collaboration with Google and Being Bridges NGO, leading 4 bi-weekly Scrum sprints from design to implementation	
• Collaborated with 3-person UX team, integrating feedback from 20+ stakeholders to produce 4 major design iterations for Kampung.SG's responsive React web app	
• Prototyped and developed a prompt-engineered chatbot on Google Vertex for forum engagement and moderation	
UX Engineer - FAQs <i>ReactPWA, Firebase</i>	May. 2023 - Aug. 2023
• Translated UX prototypes and market research into FAQs, a React PWA for crowd tracking at SUTD, delivering a functional MVP within 12 weeks	
• Conducted interviews with 10 students/faculty and facilitated A/B testing with 45 users to reduce critical usability errors in FAQs by 20%	

TECHNICAL SKILLS

Languages: JavaScript, Python, SQL (Postgres), HTML/CSS, C++, Rust
Frameworks: Node.js, React, Redis, Solana Anchor, Solidity
Developer Tools: Git, Docker, Google Cloud Platform, AWS, VS Code, Unix
Libraries: pandas, NumPy, Matplotlib