Tse-Hao Su

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EDUCATION

Monash University   Melbourne, VIC
Master of Information Technology   *Jul. 2023 – Jun. 2025*

Monash University   Melbourne, VIC
Bachelor of Arts in Journalism (Minor in Media Communication)   *Jul. 2018 – Jun. 2021*

EXPERIENCE

Software Product Manager   March 2022 – March 2023
Digitimes Asia   *Taipei, Taiwan*

- Led PayPal REST API integration with PHP backend and webhook notifications, increasing subscription conversion rate by 35% through Google Analytics funnel analysis
- Directed UI/UX redesign of shopping cart and payment flow with A/B testing, improving page load performance and overall conversion rate
- Implemented Mailchimp automation workflows for cart abandonment and welcome series, coordinating data migration to boost customer retention
- Coordinated Piano API integration for semantic tagging system, architecting workflow server to orchestrate backend processes
- Configured GA4 custom event tracking for cart abandonment and GTM data layer for conversion tracking

PROJECTS

StillSkilled | *Next.js, FastAPI, Azure, Elasticsearch, Prisma, Supabase*   February 2025 – May 2025

- Developed a full-stack gamified learning platform with custom quiz engine, progress tracking, and search for 1,000+ jobs across Australia using CoreSignal API
- Integrated LLaMA model on Azure with FastAPI backend to power a context-aware chatbot and AI resume builder generating tailored PDFs based on job requirements
- Implemented Elasticsearch for optimized job search with multi-filter capabilities and architected decoupled Prisma database for independent data updates
- Deployed on Vercel with performance optimizations and Duolingo-style gamification features including celebration animations to enhance user engagement

Miro Clone | *Next.js, Convex, Liveblocks, Tailwind*   April 2025 – Present

- Built collaborative whiteboard application replicating Miro's core features including infinite canvas, drawing tools, sticky notes, and shape manipulation
- Integrated Liveblocks for real-time multi-user editing supporting up to 4 simultaneous users with live cursor tracking and synchronized updates
- Implemented Convex backend for real-time data synchronization and state management across collaborative sessions
- Developed complex UI interactions including drag-and-drop functionality, zoom/pan controls, and layered object manipulation

Bugspot | *Next.js, SQLite, Prisma, NextAuth*   February 2025 – March 2025

- Developed bug tracking application with user assignment features enabling team collaboration and issue resolution workflows
- Designed complex database schema using Prisma ORM to model bug structures, status tracking, and user relationships in SQLite
- Implemented secure authentication with NextAuth supporting Google OAuth for streamlined user access
- Built comprehensive dashboard with analytics and status updates for tracking bug resolution progress across teams

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, SQL, HTML/CSS
Frameworks & Libraries: React, Vue.js, Next.js, Node.js, Django, FastAPI, Redux, Tailwind CSS, Liveblocks, Convex, Jest, pandas
Databases: PostgreSQL, MySQL, MongoDB, SQLite, Supabase
Developer Tools: Git, Docker, AWS, Azure, Vercel, VS Code, Postman, Prisma, Elasticsearch, NextAuth