Tim Hordern

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I help build better products with a product management and quality mindset. Sometimes I just do all the things. I enjoy working in small teams with fantastic people, building valuable products, on interesting technology, in the right culture. I prefer small startups or growth teams inside wider organisations.

I'm currently seeking Engineering Manager, Technical Lead or Team Lead opportunities in Melbourne, Australia.

Work Experience

2019

GreenSync
Head of Markets – Melbourne, Australia

- Product and Team lead for deX Markets at GreenSync. I helped establish digital markets around the world for the trading and management of electrical assets on a cloud-based software platform.

2018 – 2019

GreenSync
deX Team Lead – Melbourne, Australia

- Team lead for GreenSync's Decentralised Energy Exchange (deX), a digital marketplace that changes the way electricity is produced, used, stored and traded.
- Designed and architected the network mediation functionality of our deX Vision product to allow distribution networks to monitor and analyse electrical asset and dispatch behaviour.
- Planned the development of the deX Vision integration with Schneider Electric's Advanced Distribution Management System for a much deeper continuous electrical distribution network management process.
- Replatformed the deX Developer Centre to better suit developer needs, improve integration onboarding process, and assist internal teams in developing to shared platform.

2017 – 2018

GreenSync
Delivery Transformation Team Lead / Hardware & Integrations Team Lead – Melbourne, Australia

- Team lead for GreenSync's internal scaling/optimisation team. Expertise developed here led us to own hardware development and software integrations across GreenSync.
- Led product and operations redesign of Peak Response Unit to enable scaling and outsourced manufacturing, leading to the build of 100s of units enabling a primary revenue stream for GreenSync. One of these units currently enables Australia's largest standalone Virtual Power Plant (VPP).
- Led standardisation of Procure-To-Deliver process for turnkey PRU 3.0 hardware solution including 'Code-Driven' procurement/configuration, fully replacing a manual process.
- Designed and architected integration with Tesla GridLogic system and PowerWall 2, as well as metering providers.
- Managed and configured Google Cloud Platform (GCP) infrastructure, including as owner for 5+ primary systems.
- Primary site reliability engineer and on call and after hours responder for all GreenSync production infrastructure for over 12 months. My time as this role as well as continuing as an escalation point helped establish common patterns and solutions for incident response at GreenSync. I developed formal incident response process and systems for the technology team to help scale incident response at GreenSync from 2 developers to across the development team, as well as helping develop formal business continuity responses.
- Developed and implemented infrastructure as code for range of environments via Terraform & Chef using GCP, across GCE, GKE and IAM.
- Configured and managed alerting and notification infrastructure, including Datadog, PagerDuty, New Relic, Sentry, Pingdom and Stackdriver systems.
- Led security management and response including establishment of penetration tests and initial analysis of certification responses and answers.

2016 **Spotify**
QA Tester / Test Engineer – New York, NY

- Front-end developer for internal analytics visualisation project. Built React.js frontend rendering C3.js charts for Google BigQuery results. Implemented build system using Webpack, ESLint, and Karma. Helped build and deploy Jenkins continuous deployment (CD) infrastructure.
- Helped implement end to end Dockerized Selenium Java tests for Creator project.

2015 – 2016 **XO Group**
Lead Software Engineer in Test – New York, NY

- Lead Test Engineer for internal React.js app, building features, infrastructure, automation suites & the CI build system, after helping rescue original project. Helped shape user flows and built up library of React UI components to match designs.
- Built first Docker application using continuous delivery pipeline for content team. Built tooling to clone production apps & data into local Docker containers for a better development environment. Rebuilt Jenkins environments for faster feedback & smaller build queues.
- Ran first ever XO internal hackathon with 20 apps built, including one saving $80k/year.
- Pushed to improve code quality, using developer pairing/coaching, building style guides & linters, and implementing improved testing practices & standards.

2013 – 2015 **Intent Media**
Agile QA Engineer – New York, NY

- QA Engineer & Product Analyst for first continuous delivery reporting tool, developing features, prioritised and scoped work, built prototypes and developed automated test suites.
- Performed functional testing on Intent's full stack which featured a combination of Javascript, Java, Rails, MySQL, Vertica, S3, MongoDB, iOS, and backend Node applications. Built production test for service verification.
- Grew QA team, recruiting engineers, building performance test suites, and redefined practices & recruitment processes.

2011 – 2013 **ThoughtWorks**
Senior Consultant – Melbourne, Australia

- Held a number of consultant QA Engineer / Tester roles, notably testing Ruby, Node, Android and iOS applications, developing test automation and conducting exploratory testing. Additionally, I built performance test suites, as well as managed and optimised Jenkins continuous integration systems. Internal advisor on iOS application automation and submission processes.
- Product Designer for a suite of iOS applications for over 30,000 government staff and public customers. Ran user testing of iOS applications with range of users, including in-situ user testing sessions. Designed wireframes and prototypes for iOS applications and information kiosks. Designed icons and UI, from wireframe sketches to Illustrator assets.

2010 **Infosys**
Technical Test Lead – Melbourne, Australia

- Test Manager for SAP SRM Upgrade project, leading onsite and remote testing teams.

2006 – 2009 **Accenture**
Consultant – Melbourne, Australia

- Worked with a number of Australian and multinational organisations through their transformations.
- Established and coordinated project management office (PMO), planned future project phase resourcing & activities for transformation of $14bn mining company.
- Planned and delivered data migration effort for large SAP PM/MM upgrade, supporting maintenance of 11,000+ vehicles travelling more than 350 million kms. Managed team of developers, analysts and client SMEs. Built test strategy and conversions for SAP MM/PM upgrade.
- Test Analyst for Oracle RPM implementation and in-store & POS retail systems for supermarket chain, handling $35 billion in transactions for 8.8 million consumers.

2003 – 2005 **General Motors Holden**
Analyst – Melbourne, Australia

- Reporting/System Analyst for SAP R/3 AP, invoicing and Procure-To-Pay processes.

- SAP SRM Analyst & System Administrator, developed and managed data in Requisite electronic catalogues, in conjunction with external vendors.
- Reporting and Database Analyst for procurement department, reporting directly to executive team and CEO. Developed and administered reporting toolsets and redeveloped key database to streamline end of month reconciliation.
- Delivered data migration and go-live capability for large SAP MM/SRM implementation. Led conversions team across multiple rollouts and managed data cleansing team.

Education

2014 – 2015 **Product Management Course**
General Assembly – New York, NY

2001 – 2005 **Bachelor of Information Systems**
University of Melbourne – Melbourne, Australia
Originally a double degree of Commerce and Information Systems. Graduated earlier with B.InfoSys to pursue work opportunities.

Further Information

Project Experience
More details of my consulting and work projects

Side Projects
Details of some side projects I've built

/now
What I'm working on now