Nathan Spencer

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RELEVANT WORK EXPERIENCE

Software Engineer *Full-time, Feb 2025 - Present*
Humanitix
- Improved security by implementing OAuth and 2FA for users, restricting the space for phishing attacks
- Reducing database costs 30% by implementing archival of old database data to cold S3 buckets

Software Engineer *Full-time, Jan - Feb 2025*
Maternity Africa (in Arusha, Tanzania)
- Deployed a customised version of OpenMRS. Enabling global patient search, removal of blocking logic slowing down doctors and nurses, and streamlining forms. Improving clinical outcomes for the very poorest giving birth

Fullstack Co-op Software Engineer *Full-time, July - Dec 2024*
Atlassian (Jira Issue View)
- Offered to return as P30
- Built and released an internal Chrome Extension called "Team Inspector" which showed the owning team (slack channel, manager, Jira board) and code file of different UI elements with a simple hover. This accelerated support teams, incident response and development
- Improved customizability of Jira "Child Issues / Subtasks" by reapplying a different UI component and backend to be used in this domain helping Atlassian clients with more niche use cases

Backend Co-op Software Engineer *Full-time, Jan - June 2024*
Macquarie Group (Adviser Online)
- Offered to stay on as L2 (promotion above graduate)
- Saved 1800 hours of employee work annually (approx 1 full time position) by eliminating unnecessary monitor rearrangement while hotdesking for 2000+ employees, by driving tech support to implement my automation
- Sped up developer feedback loops 2X and saved cloud costs by reducing my team's Bitbucket pipelines time 50% by removing repeated Gradle tasks, parallelising steps, and making non-essential steps trigger manually

DevOps Software Engineer *Part-time, June - Dec 2023*
Katana1
- Improved security, observability, and ease of cloud development by implementing a system in a new cloud role can be created and approved with a PR to a Git repo, syncing to the cloud via Terraform in Bitbucket pipelines

Fullstack Co-op Software Engineer *Full-time, Jan - May 2023*
OFX (Payments)
- Improved ease of multi-team frontend development by converting architecture from monolith to micro frontend, in React / Typescript, as well as converting the backend-for-frontend from REST API to GraphQL

System Administrator *Part-time, Jun - Dec 2022*
Spencer Private Wealth
- Decreased time to generate client reports 80% by creating an auto filling Chrome Extension in Javascript

Junior Software Developer *Part-time, Jan - May 2022*
Advice RegTech

EDUCATION

Bachelor of Science (Computer Science) *2022 - Aug 2025*
UNSW Sydney
- 1 of 12 awarded Co-op Scholarship (alumni include Atlassian founders)
- Distinction Average WAM
- Volunteering with Effective Altruism UNSW operations (2023) and Humanitix growth (2024)