Please visit

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**Tony Tran**

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**Objective**

I'm a Software Engineer with six years of experience, constantly driven by a love for learning and improving my craft. In my career, I've designed and implemented creative solutions in both full-stack and front-end development.

I find motivation in growing both personally and professionally, and I excel in team settings that balance collaboration and individual creativity. Looking ahead, I aim to lead teams and create a culture that values teamwork and innovative ideas.

**Experience**

**UPowr -- Engineer (Full Stack)** – (01/24 – 07/24)

* API Development and Integration: Developed RESTful APIs for various functionalities, utilising OpenAPI specifications and AWS for secure file storage. Integration with BPMN workflows to improve operational efficiency.
* Testing and Quality Assurance: Conducted comprehensive testing using TypeScript and Playwright, including unit, integration, and end-to-end tests, ensuring high code quality, reliability, and reduced bugs in production.
* Bug Resolution and Data Integrity: Identified and resolved critical bugs, performed data migrations, and ensured data integrity and consistency, enhancing system stability.
* Front-End Development: Improved front-end user experience and performance by updating Vue & Retool user interfaces and transitioning read APIs from REST to GraphQL, leading to faster and more efficient data retrieval.
* Security and Authentication: Implemented robust authentication mechanisms to enhance security and access control, verifying user permissions based on entity associations, protecting sensitive data.
* Data Management: Parsed and normalised large datasets according to NEM12 specifications to create structured, usable data, enabling accurate forecasting.
* Source Control: Utilised GitKraken for source control management and collaboration.

**Propps -- Engineer (Full Stack)** – (10/21 – 12/23)

* Architected, developed, and deployed ReactJS and NextJS frontends, employing Emotion CSS for styling
* Engineered an unstructured database backend using Firebase, integrating a GraphQL layer with Apollo Studio
* Implemented GraphQL code generation for streamlined development
* Scheduled tasks using Task Queues and Workflows on Google Cloud Platform
* Established and managed authenticated webhook services and dead letter queues
* Developed clients and adapters for connection service which integrates with third party CRMs
* Utilised Terraform to manage infrastructure in the cloud
* Created, deployed and maintained cross-platform mobile applications in Flutter and React Native
* Utilised Buildkite for efficient build pipeline management
* Automated testing with Jest for both frontend and backend components
* Implemented a microservices architecture using Cloud Functions and Cloud Run on Google Cloud Platform
* Established and maintained synthetic tests, monitoring systems, and alerts through Datadog

**ANZ -- Engineer (Full Stack)** – *Business Lending* (08/21 – 10/21)

* Employed JSON for configuring and managing dynamic content on the client side
* Developed server-side logic, APIs, and business logic to support the functionality of web applications
* Engaged in back-end development using the .NET framework with C# as the primary programming language
* Played a key role in enhancing and maintaining client lifecycle processes, ensuring compliance, and improving overall efficiency within the platform

**ANZ – Engineer (Front End)** – *Small Business Banking & Business Banking* (07/18 – 08/21)

* Designed, built and deployed an APRA reporting application, streamlining policy override processes
* Designed, built and deployed a web application managing capacity, skills, and users for a cross-skilled team
* Developed a user-friendly web portal enabling bankers to apply for Small Business and Business Banking COVID-19 Relief Package and JobKeeper applications
* Proficient in ReactJS for front-end development, adhering to UI/UX principles
* Collaborated with back-end engineers for database and API tasks
* Utilizes Git Repositories and GitExtensions for streamlined version control
* Agile practitioner with active involvement in 2-3 week sprints, contributing effectively to all rituals and meetings

**ANZ -- Automation Expert** – *Channel Automation* (11/16 – 07/18)

* Collaborated on Mortgage Settlements, contributing to the development and testing of new system versions crucial for bankers and brokers in assessing mortgage applications
* Played a key role in developing and testing for new versions of Secured Assessment, enhancing the application used by bankers to evaluate customers' financial positions
* Proficient in SQL, successfully managing the setup of a relational database and performing tasks such as creating, altering tables, views, and stored procedures
* Operated in an Agile environment, actively participating in rituals to shape User Stories and Tasks
* Facilitated code/task breakdowns and issue identification, ensuring seamless product delivery

**ANZ -- Data Analyst *–*** *Contact Strategy* (11/15 – 11/16)

* Utilized SQL to query data for reporting, analytics, and automation purposes
* Innovatively improved the contact strategy approach, leading to increased right party contact rates
* Implemented the champion/challenger approach to test and validate the new contact strategy
* Contributed to UAT testing for seamless integration of a new system, conducting thorough progression and regression testing to ensure connectivity across multiple host systems

**Technologies**

* Apollo Studio
* AWS
* Buildkite
* C#
* Camunda
* Canny
* Confluence
* CSS
* Cloud Functions
* Cloud Run
* DataDog
* Emotion CSS
* Expo
* Facebook SDK
* Figma
* Firebase
* Firestore
* Firebase Functions
* Flutter
* GCP
* GitHub
* GitKraken
* GraphQL
* HTML
* Insomnia
* JavaScript
* Jest
* Jira
* Miro
* NextJs
* Node
* Notion
* NPM
* OpenAPI
* Playwright
* PostgreSQL
* Postman
* React
* React Native
* Redis
* Redux
* Retool
* Storybook
* Styled Components
* Terraform
* Typescript
* VS Code
* Vue
* Webhooks
* .NET Core

**Interests & Hobbies**

* Constantly upskilling myself in new technologies to stay ahead of the curve.
* Avid snowboarder – domestic and international
* Cars – modifying / rebuilding / restoring / custom fabrication
* Rock-climbing – mainly bouldering, but also top-rope occasionally
* Travelling & Videography

**References**

**Provided upon request**