

ADRIAN CHU

Senior Full Stack Developer

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📍 Perth, Western Australia



SUMMARY

Persistent professional equipped with 12+ years of comprehensive experience in the Software Development industry. Provides strong technical direction across multiple projects. Experienced with the full software development lifecycle from planning to launch. Responsible and articulate individual with strengths in delivering high-quality software solutions and staying updated with industry trends. Love family, friends and sports. A self-motivated, avid learner.

EDUCATION

B.S. in Computer Science

The University of Western Australia

📅 2008 - 2012

EXPERIENCE

Senior Full Stack Developer

Fortunes Tech

📅 04/2022 - Present 📍 Goffstown, NH, USA

- Mentored and provided technical guidance to an engineering team of 10+ members.
- Spearheaded the transition of online meeting platform from **PHP, DailyJS** old stack into modern **NextJS, Python Flask**, and **LiveKit**-based architecture, resulting in a remarkable 300% increase of client company's revenue.
- Implemented high-performance RESTful API endpoints using **Node.js** and **Nest** Framework.
- Designed **Postgres** database for microservices and optimized its performance by implementing advanced indexing strategies and query optimization.
- Led and participated in the development of various web and mobile applications including Renude, Relik, and Droneblocks using cutting-edge technologies, including **React, React Native, Next.js, Node.js, Golang, Python**, and **Laravel**.
- Actively contributed to code reviews, ensuring code quality, maintainability, and adherence to best practices.
- Strong background in cloud computing, including **AWS, GCP, Docker** and **Kubernetes**, proficient in designing and implementing cloud architectures, deploying and managing applications.
- Worked on CI/CD tools like **Jenkins** to automate the build process from version control tool into testing and production environment.

Senior Software Engineer

Velocity Global

📅 02/2019 - 03/2022 📍 Denver, CO, USA

- Served as one of the lead engineers in the development of Customer Experience Platform(CXP)-SaaS product of the company with a team of senior developers leveraging **React, NextJS, Golang, GraphQL, Docker**, and **AWS**.
- Developed RESTful webservices and microservices using **Golang** for reading large volume of data from Postgres database.
- Laid and designed architectural foundation of **GraphQL** layers for transport route optimization and billing automate.
- Built a semi-auto mechanism which synchronously migrates CXP database into Glean data source using **React, Node, Python** and **Glean APIs**, resulting in a 30% improvement in speed and accuracy of data searching.
- Participated in the development of Document Management Platform(DOCX), providing **AWS Lambda, FormKiQ** and **OPA** solutions, and building high-performance RESTful APIs using **TypeScript** and **NodeJS**, handling an average of 1,000 large-scale requests per hour.
- Collaborated with staff and principal engineers to provide **proof of concept, TDD**, and design and develop robust solutions to meet product requirements.
- Worked on managing the **Git workflow**, reviewing the completed tasks and conducting the code reviews.
- Mentored less experienced team members to follow the advanced development principles and methods.

Full Stack Engineer

Cirrus an Atturra Company

📅 08/2017 - 02/2019 📍 Perth, Western Australia

- Collaborated with design team to create a custom **JavaScript UI framework** used across the company's internal projects, which improved development efficiency by 30% and ensured consistent branding and UI across the application.
- Led the end-to-end development process, including database design, frontend and back-end development, and **AWS** deployment, utilizing **Node, React, React Native** and **MongoDB** as the tech stack.
- Migrated existing old **Angular** projects to **React** using **React Hooks, Redux, Typescript, TailwindCSS, Styled Components** and configured the front-end application architecture.
- Overcame the challenge of limited payment integration options in Malaysia by conducting extensive research and selecting the best available service.
- Successfully delivered the MVP within a tight timeframe of just 6 months, ensuring its successful adoption by customers who are actively utilizing the platform's car and motorcycle lending services.
- Developed **BOTs** for car renting and property management services using **Chatfuel, Facebook**, and **Dialogflow BOT** frameworks for **Facebook Messenger**.

EXPERIENCE

Senior Software Engineer

Xpanse Pty Ltd

📅 12/2014 - 07/2017 📍 Perth, Western Australia

- Worked with a team of developers to migrate the existing UI from **AngularJS** to **React**, adding an extensive list of new features, unit tests and **e2e tests** for all features, key users, and roles.
- Played key role in development of 5+ robust full-stack web application using **Django**, **Vue.js**, **Vuex**, **Vuetify**, **PostgreSQL** for educational institutions.
- Integrated a third-party identity service, **OKTA**, and related UI flows, including account activation, login, forgot password, and session management using **JWT**, token validation, and session cookies.
- Take part in development mobile app using **Flutter**, **Dart**, **Google Maps API**, **GraphQL** for a travel agency.
- Use the latest features of **C#** and **.NET**, like `async/await` for asynchronous programming, **.NET Core** for dependency injection, and **NUnit** for unit testing, to create code that is high-quality, easy to maintain, and meets business requirements.
- Supported the CTO with various management tasks as high-level architectural decisions.

Software Engineer

Xpanse Pty Ltd




📅 07/2012 - 12/2014 📍 Perth, Western Australia

- Developed web applications using sophisticated JavaScript frameworks, as well as frameworks such as **Laravel**, **Django**, **Flask**, and **Spring Boot**.
- Refactored the client-side of applications into a reliable **SPA** architecture.
- Provided seamless user interface, kanban board, data visualizations, and designed overall user experience.
- Wrote high-quality code which covered 100+ unit and **e2e** tests to verify the functionality of UI components and overall workflow.
- Stayed updated with the latest **React** and **React Native** trends and libraries to enhance the app's competitive edge.
- Provided powerful support to senior developers after becoming proficient in React and frontend technologies, resulting in a stronger, more efficient tech team.


SKILLS

React	React Native	Next.js	AngularJS	VueJS	Redux	SCSS	Material UI	Tailwind CSS	Storybook	Jest
Cypress										
Node.js	ExpressJS	NestJS	Python	Flask	Laravel	Go	MySQL	PostgreSQL	Redis	Elasticsearch
GraphQL	MongoDB									
Docker	Kubernetes	AWS	Google Cloud Platform	Azure	Firebase	Supabase	Hubspot	Github	CI/CD	
Jenkins										

STRENGTHS

 Team Collaborator Encourages open communication, fosters innovation, supports colleagues.	 Detail-Oriented Developer Ensures thorough implementation, optimizes processes, improves performance.
 Calm Decision-Maker Maintains composure, rationality in high-pressure situations, ensures success.	

FIND ME ONLINE

 LinkedIn linkedin.com/in/adrianchu0119	 Portfolio adrianchudev.netlify.app	 GitHub github.com/techexpert0119
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CERTIFICATION

React Expert Certificate Hackerrank	Backend Developer Certificate Triplebyte
AWS Certified Solutions Architect Testdome	