

Career Objective

Experienced software engineer with a passion for cutting-edge tech and agile development. Proficient in JavaScript, TypeScript, C#, PHP. Skilled in Azure, AWS. Strong work ethic, project management abilities, seeking growth in full-stack roles.

Skills

| Coding Languages:                       | Back-End:   | Front-End:  |
|---|---|---|
| JavaScript ES2023, C#, PHP, C++, Python | MVC(.Net Core,Nodejs,Laravel, Yii, Express.js), Next.js | HTML5/CSS3/SCSS,Angular, React, AngularJS, jQuery |
| Database:                               | Cloud:  | CI/CD Process:                                    |
| MySQL,PostgreSQL,SQL Server, MongoDB,   | Azure(App Service), Vercel, AWS(EC2), MongoDB Atlas     | GitHub, GitLab, Jira,Azure DevOps Server          |

Experience

RM PLC Australia (LSE Listed, Code: *RM..UK*) — Software Engineer ( Oct 2021 - Now)

- Fast-pace SaaS full stack dev: DB data retrieval, API packing, HTTP requests for frontend, UI/UX dev, handling frontend requests, SQL data manipulation for HTTP responses.
- Utilize Jira for sprint-based project management: write stories, tasks, and bugs; size story points; communicate with QA, PM, PO, client, UI/UX; peer review code.
- Use Azure DevOps Server for DevOps and CI/CD: Git, deployment, test environment management, etc.
- Design and Develop Algorithms to process raw data (student answers) and auto-generate reports (scoring results).
- Analyze client needs, create Jira tickets from storyboards, and design with WCAG standards. Liaise with clients on projects, budgets, and tech, guiding code changes through QA to production. Explain technical details to non-technical stakeholders.
- Achievement
  - Lead developer of the Angular update from version 14 to version 17 for RM Australia' s key SaaS platform —Assessment Master (<https://am.sonet.com.au>)
  - One of the leading developers of Project PISA2025 (Programme for International Student Assessment: <https://www.oecd.org/pisa/> ). Individually developed 2 modules;

- Algorithm Designer and Developer of the Blockly(<https://blockly.games/>) machine marking of ICILS Project (<https://icils.acer.org/>) (International Computer and Information Literacy Study), develop a recursive algorithm to transfer a XML string to a working coding piece and get a result for coding exams.

-- Node.js,Angular, PHP, Algorithm design, AngularJs, PostgreSQL, Back-end API Development, Front-end HTTP request/response Development, MVC, Vanilla JavaScript, jQuery, CSS/SCSS,Yii, Gitlab, GitHub, Azure DevOps Service, and Jira.

### **Letour Cycles** — E-commerce Web Developer ( Dec 2019 - Oct-2021)

- Develop and deploy a Shopify E-commerce shop;
  - Maintaining API communication among websites(Order submit to Aus Post, Fetching orders to Neto from eBay and Shopify).
  - Creating new product pages with SEO features(Inject meta data with keywords to a page).
  - Developing Company's Product Page via Neto EC system and Shopify
  - Monitoring data exchange (Orders, tracking information) among different websites.
- CSS, Web Scraper, JavaScript, CSS, Google Ads/Analytics

### **Australian Trading Bridge** — Full Stack PHP Laravel Developer ( Jan 2018 - Dec 2019 )

- Developing a printing product management system and an EC website by Laravel 5.
  - Setup Larvel Eloquent for the modeles, build php blade views,and use Bootstrap to build front-end UI.
  - Develop the database migrate of Laravel to the MySQL database.
  - Adding new features to the website/application to meet the requirements of sales teamrs.
  - Optimizing the system, for example, detecting and avoiding the N+1 query problem in Laravel, and new middleware for new features.
- Laravel, HTML, CSS, MySQL, LAMP Development

### **FHL Group** — IT support ( 2016 - 2018 )

- Managing APIs for different websites to our PHP based e-commerce system.
  - Adding new features to the website(e.g Christmas Sale template, and new payment method).
  - Creating new listing with SEO features(Inject meta data with keywords to a page)..
  - Maintaining the API communication among the company and the carriers.
- CSS, HTML, JavaScript

## **Education**

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### **Bachelor of Computing (With Honours)** — University of Tasmania (Feb 2011-August 2014)

- **Graduate Project:** Develop a showcase website for the Career Hub of UTAS for future students (HTML+CSS, jQuery, Content Management System);
- **Honours Research Thesis Project:** Using Hopfield Network to Understand Alzheimer's Disease (Artificial Intelligence, Artificial Neural Network, Neural Science, MATLAB, Statistics);

- **Achievement:** 100% for 2 major assignments and tutorial work for KXT309 Advanced Dynamic Web Development (LAMP development and Javascript/jQuery).

## Personal Projects

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- Book Shop project(.Net Core )
  - Project link: <https://bulkyproject-ian.azurewebsites.net/>
  - GitHub Link: <https://github.com/qiuxan/Bulky>
- Game Hub Project( React 18 + TypeScript to fetch data from (RAWG Video Games Database API) )
  - Project link: <https://game-748lq44hq-qiuxan.vercel.app/>
  - GitHub Link: <https://github.com/qiuxan/Game-Hub-Project>
- Natours Project(MVC API service + SSR using Express.js+MongoDB)
  - GitHub Link: <https://github.com/qiuxan/natours>
- Issue Tracker(Next.js, React, SSR Using React)
  - GitHub Link: <https://github.com/qiuxan/issue-tracker>

## Reference

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References' Contact Information Available Upon Request.