



Di Wang

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A full stack developer and project leader

I am passionate about working with technology to improve peoples' lives. I have over 10 years commercial experience and multiple success web applications are developed by my team. I am a positive person who relishes the prospect of utilising my technical and people skills to add value to organization.

SKILLS & ATTRIBUTES

Programming Language & Frameworks

- C# .Net Web API
- Entity Framework
- SPA Frameworks: Angular, Aurelia
- HTML5, CSS
- Type script, Java script, jQuery
- OAuth2 Authentication and integration
- REST API
- Testing automation
- PHP (Code Igniter) and Python

Environment & Tools

- Windows, MAC, Linux (Ubuntu)
- CI/CD: TeamCity, Octopus and Azure Dev Op
- Azure & AWS
- Power Bi
- Git & Git Flow
- MS SQL Server, MySQL
- JIRA, Trello
- WordPress
- Server administration and network management

I Also good at

- Learning new skills and technologies and continuous self-improvement.
- Priority and time management under pressure to meet deadlines.
- Work within team and help other team members to achieve common goal.
- Customer requirements analysis and solution design.
- Debugging and trouble shooting.

Education

PhD in Computer science at *University of Canterbury*

2019 - Now

Master's in software engineering at *University of Canterbury*

2016 - 2019

Bachelor of Software & Information Technology at *Lincoln University*
New Zealand (with second majored in Marketing)

2009 - 2012

Work and Project Experiences

Lentune ltd

Nov 2013 – Now

Head of development – Lentune ltd

Feb 2022 – Now

As the Head of Development at Lentune, I am responsible for overseeing all technical aspects of the business. The key responsibilities include:

- *Developing and implementing the technical aspects of the company's strategy, ensuring alignment with business goals.*
- *Monitoring KPIs and IT budgets to assess technological performance and identify areas for improvement.*
- *Supervising system infrastructure to ensure functionality and efficiency and overseeing data security and compliance.*
- *Building quality assurance and data protection processes to ensure the integrity of company data.*
- *Communicating the technology strategy to partners and stakeholders and ensuring that they are aligned with the company's overall vision.*
- *Discovering and implementing new technologies that yield a competitive advantage.*
- *Providing technical advice and support to other teams in the organization.*

Lead developer – Lentune ltd

Dec 2018 – Jan 2022

As a Lead Developer at Lentune, I was responsible for managing development tasks and fostering a culture of continuous self-improvement within the team. During my tenure, I was able to achieve several key accomplishments, including delivering a scalable SaaS web application used by over 150 organizations, as well as implementing a developer catch-up and review process to provide feedback and support self-improvement goals.

Main Responsibilities of the role:

- *Work with other teams in the organisation and product owner to set up development task road map.*
- *Keep development tasks on track to meet deadlines.*
- *Design and implement scalable cloud architecture to support organisation growth need.*
- *Keep track the QA process in development team to improve software quality.*
- *Development understanding of other teammates' self-development goal and help them achieve it.*

Key Technology stack involved:

- *Front end: Aurelia, Bootstrap, Type script, HTML5, CSS*
- *Back end: C# with .Net framework web API, Entity Framework, Docker.*
- *Hosting: Azure VM with MS Windows Server, IIS, Azure SQL, Blob storage, Azure functions, app services.*
- *Dev OP: Team city (CI), Octopus (CD), Azure DevOP, Git with Git Flow. JIRA*

Senior developer – Lentune ltd

Jan 2016 – Nov 2018

Moving from ERP web application project to a new office automation project that help business streamlining the invoicing approval process. The role is leading the development of this new project which is focusing on extract key information from invoice and allow end users to control their invoice approval process based on their business need. The outcome of this role is the first version of current Lentune project costing product.

Main Responsibilities of the role:

- *Work with other teams in the organisation to design the solution for streamlining invoice approval process.*
- *Select the appropriate technology stack and implement the application.*
- *Implement the user authentication process OAuth2.*
- *Implement third party integrations (e.g. Xero, SimPro etc).*
- *Work with other developers to support their mobile application development.*
- *Design and implement CI, CD pipelines.*
- *Design and implement cloud hosting architecture.*

Key Technology stack involved:

- *Front end: Aurelia, Bootstrap, Type script, HTML5, CSS*
- *Back end: C# with .Net framework web API, Entity Framework*
- *Hosting: Azure VM with MS Windows Server, IIS, Azure SQL, Blob storage, Azure functions.*
- *Dev OP: Team city (CI), Octopus (CD), Git with Git Flow. JIRA*

Intermediate developer – Lentune ltd

Nov 2013 – Dec 2015

The first role in Lentune, the main task for this role is to convert a Win Form ERP system to a web application with selected technology. As the result of the project, a web application prototype is developed with Durandal and .Net technology stack. The prototype is used for UAT testing and collect the feedback from existing Win Form application users. The outcome of the project lays the foundation of future Lentune SASS web application.

Main Responsibilities of the role:

- *Review existing Win Form ERP application and make the web application conversion plan.*
- *Review user cases of existing system and design the web application workflow.*
- *Implement application with selected technologies.*
- *Set up hosting environment for evaluation and UAT.*
- *Collect feedback from end users and make improvements to the program.*

Key Technology stack involved:

- *Front end: Durandal, Bootstrap, JQuery, HTML5, CSS*
- *Back end: C# with .Net framework web API, Entity Framework*
- *Hosting: Azure VM with MS Windows Server, IIS, MS SQL Server*
- *Dev OP: Git with Git Flow. JIRA*

Find a bed Accommodation website

Jul 2013 – Jul 2014

Web Application Developer for CanStaff NZ

Work as web developer with all stages of a SDLC includes analysis, design, development, and testing of software. Main responsibility includes analysis business requirement and propose appropriate solutions. Implementing main functionalities for an accommodation booking website and work with testing team to ensure the quality of the product.

Main tech stack used as following:

PHP (code Igniter), JavaScript (jQuery, Smart wizard), HTML5, CSS3 (Bootstrap), MySQL, WordPress, Git, Open host web hosting

Dairy Tracking System

Jul 2012 – Nov 2013

Web Application Developer for AgriSoftware Ltd

Work as a web application developer for a dairy tracking system. Main responsibility includes analysis the requirements from internal stakeholders, propose and implement the solution with web technologies. Work with other developers to ensure the quality of the product and deadlines are meet.

Main tech stack used as following:

PHP, JavaScript (jQuery, high chart, zing chart), HTML5, CSS3 (Bootstrap), MySQL, WordPress, Git, AWS web hosting (EC2, RDS)

Data Manage System

Nov 2011 – Feb 2012

Web Application Developer for Entomology Research Museum of Lincoln university

Work as journal developer for a data manage system project. Main responsibilities include analysis the business requirements from external stakeholders, design and implement the solution. I also setup the final hosting environment for the product.

Main tech stack used as following:

PHP, JavaScript, HTML5, CSS3 (Bootstrap), MySQL, Git, Windows 2008 IIS web hosting

