

Contact

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Top Skills

PostgreSQL

PHP

Next.js

Certifications

AWS Certified Solutions Architect – Associate

AWS Certified AI Practitioner

Spencer Feng

Senior Software Engineer

Quakers Hill, New South Wales, Australia

Summary

A passionate and reliable software engineer with a strong focus on collaboration and continuous learning.

Experience

Kindred Group plc

Senior Software Engineer

August 2022 - Present (3 years 6 months)

Sydney, New South Wales, Australia

- Work as a full-stack software engineer
- Work on multiple backend micro-services and a micro-frontend application
- Investigate and solve application performance bottlenecks
- Implement observability features to enhance system monitoring and diagnostics
- Implement and optimise CI / CD pipelines
- Mentoring junior developers

Technologies:

- Node.js, Jest, TypeScript, Express
- React.js, TypeScript, React Testing Library
- Golang
- Kafka, MQTT, REST API
- Kubernetes, Docker, Helm
- Couchbase, Elasticsearch, PostgreSQL
- OpenTelemetry, Grafana, Prometheus
- Jenkins, ArgoCD

Iress

Senior Software Engineer

February 2022 - July 2022 (6 months)

Sydney, New South Wales, Australia

- Work as a front-end software engineer
- Migrate old UI components built in Knockout.js to React.js
- Improve accessibility of UI components

- Work with micro-frontends
- Research appropriate technologies to improve the project
- Create CI/CD pipelines
- Mentoring junior developers

Technologies:

- React.js, TypeScript, React Testing Library
- Node.js, TypeScript, Jest
- Docker, Make
- TeamCity

Entain

Senior Software Engineer

May 2021 - February 2022 (10 months)

Australia

- Work as a full-stack software engineer
- Use React Native to build the iOS and Android app for Ladbrokes and Neds brands
- Use Golang to build the BFF (Backend for Frontend) layer

Technologies:

- React.js, React Native, TypeScript, React Testing Library
- Golang

Lexicon Digital

Senior Consultant

March 2019 - February 2022 (3 years)

- Work as a consultant and work with clients at Entain Group, IAG and James Hardie on various projects
- Mentoring junior consultants

IAG

Senior Software Engineer

September 2019 - April 2021 (1 year 8 months)

- Work as a full-stack software engineer
- Built the Online Business Insurance platform for call centre staff using React.js for the frontend and Node.js for the BFF (Backend for Frontend) layer, while also developing new features for the existing customer-facing platform

Technologies:

- React.js, TypeScript, React Testing Library, CSS
- Node.js, TypeScript
- Kubernetes, Helm

James Hardie Building Products
Senior Software Engineer
March 2019 - September 2019 (7 months)
Sydney, New South Wales, Australia

- Work as a full-stack software engineer
- Developed a public facing website for customers to get information about James Hardie products
- Developed a web portal that allows customers to search for and connect with registered builders. The portal also sends notifications to builders when they are contacted by customers.

Technologies:

- React.js
- Next.js
- TypeScript
- Node.js
- AWS
- Serverless Framework
- MySQL
- CSS

Checkbox.ai
Software Engineer
July 2018 - March 2019 (9 months)
Sydney, Australia

- Work as a front-end software engineer
- Implemented a frontend white-labeling system that enables the application to present customised appearances for different clients
- Developed an inline autocomplete component that enables input fields and textareas to display suggestion lists when specific characters are typed

Technologies:

- JavaScript
- React.js
- CSS

Wolff Design

Full Stack Web Developer

February 2014 - June 2018 (4 years 5 months)

1. Create dynamic websites with an admin panel using WordPress and React.js
2. Create web applications in Node.js, PHP and React.js
3. Optimise workflow of web projects
4. Gather requirements from clients
5. Prepare quotes for web projects

Achievements:

1. A survey and survey report system for Volvo Penta

Programmer for the web application commissioned by Volvo Group Australia, designed and developed at Wolff Design. This web application is developed to allow Volvo Penta dealers to create post-service surveys for their customers. The customers are able to complete their surveys online. The managers are able to read reports based on customers' submitted survey results.

This web application is built in Laravel + React.js + Chart.js

2. Drivetime Radio

Programmer for the new audio listening online platform commissioned by Drivetime Radio, designed and developed at Wolff Design. This website allows healthcare professionals to listen to educational audio interviews on their mobile devices and computers.

This website is built in WordPress + jQuery

URL:

<https://www.drvetimeradio.com.au/>

3. AFCC

Lead programmer for the website commissioned by Australian Federation of Civil Celebrants, designed and developed at Wolff Design. This website has a member portal for each member and it also has a forum which allows all members to have online discussions.

This website is built in WordPress + jQuery

URL:

<https://www.afcc.com.au/>

WCP Digital
Full Stack Web Developer
March 2012 - November 2013 (1 year 9 months)
Sydney, Australia

1. Create dynamic websites with an admin panel using PHP CMS.
2. Create web applications in PHP
3. Adapt websites for mobile devices
4. Create iOS applications

Achievements:

1. OT3 Add'em Up - iPad Application

Lead iOS 5 programmer for the premiere iPad application commissioned by OT3 Tools, designed and developed at Purcell Media. The Add'em Up App has been produced for Supermarket workplace training and assessing.

2. Winter City eCommerce - SSL Concrete5 CMS

Lead PHP developer for the Winter City Productions eCommerce site which showcases comic books from Winter City Productions and allows visitors to make purchases within the site.

3. SMS Tool, PHP/MySQL with PHP MVC Framework

Lead PHP developer for the SMS Tool commissioned by OT3 Tools, developed at Purcell Media. The SMS Tool has been produced for OT3 Tools to send smses to their clients in various ways.

vibewire youth inc.
Full Stack Web Developer
March 2011 - March 2012 (1 year 1 month)
Develop the WordPress powered website.

Huawei
Electronic Engineer
June 2008 - August 2009 (1 year 3 months)
Shanghai City, China

Education

University of Electronic Science and Technology
Master of Engineering (MEng), Information Technology · (2005 - 2008)

TAFE - Hornsby College
Diploma, Web Development · (2011 - 2012)

University of Electronic Science and Technology
Bachelor of Engineering (BEng), Information Technology · (2001 - 2005)