

# Leon Li

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## Full Process Front-end Developer

Who am I? I'm someone who's not afraid of stepping out of his comfort zone to learn new things and stay ahead of the curve.

I spend my days with my hands in many aspects of web development, from UI and UX, front-end implementation and testing to back-end coding. My early career as a multimedia designer had given me extensive background in computer graphics which enabled me to work across different but related fields.

Possessing high proficiency in Responsive Web Design, HTML, CSS and JavaScript, as well as frameworks like React, Vue and Angular. Currently using React as the main development platform, eager to do more work in relevant fields.

## Skill Set

- HTML / CSS / JavaScript / TypeScript
- SASS
- Responsive Web Design
- Webpack
- React / AngularJS / Vue.js
- NoSQL / Firebase
- Node.js / Java
- Adobe Creative Suite

## Work Experience

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### Unico Computer System Pty Ltd. (Permanent)

Jan 2017 – Present

#### Front-end Developer

My first two projects MHOME and FAE were implemented using AngularJS v1.6 which lasted for almost a year. I was the UI lead, in charge of implementing both front-end and Java layer. Then we shifted our main technology to React, with which I've worked on four projects so far, blockchain POC, DSIMA, MOCCA and Racing Victoria. Blockchain POC is a proof of concept for one of the largest wholesales company in Australia. It was designed to determine the usability of blockchain in tracking orders and shipments. The team consisted of blockchain server setup, back-end, and front-end. I implemented its front-end with another member using React, Redux Thunk and Material UI. Both DSIMA and MOCCA were existing projects implemented with outdated technologies. We redid both from scratch using React and Redux Saga. They're for Telstra internal operators on mobile service related operations. My current project is for Racing Victoria. It's a horse race voting system. User can register, view horse details and vote on races. It's scheduled to come online early next year. This project is using React and Redux, with AWS Cognito and Lambda as back-end.

Personally, I've been working on my own React project PhantomZone. It's a portal to my home NAS. It was implemented using React and Redux Thunk for front-end, Node.js for back-end, Google Firebase and MySQL for database. This project is also my personal React playground. It's constantly being iterated with new technologies from React and its ecosystem. The PWA mobile version is in the plan. One of the future goals is to remake the back-end using GraphQL, which should resolve the data over and under fetching problem I'm currently having and greatly reduce the number of endpoints.

#### Key contributions:

- Racing Victoria API and Lambda implementation
- DSIMA and MOCCA revamping
- Blockchain POC
- MOCCA regression test using Selenium WebDriver
- MHOME and FAE implementation using AngularJS and Java

**Technologies:** AngularJS, React, Java, Node.js, Material UI, AWS Cognito and Lambda

**Digital Dialogue (Open-end Contract)**

**Jun 2016 – Dec 2016**

**Front-end Developer**

Digital Dialogue's primary focus is online marketing. Our main customer FCA (Fiat Chrysler Automobiles) owns a series of brand such as Jeep, Alfa Romeo, FIAT, Chrysler and Dodge. My daily job including:

- Updating websites, carry out campaigns and implementing new features using HTML, SASS and JavaScript
- Working with existing AngularJS, React and CoffeeScript code
- Using BitBucket and SourceTree for version control
- Deploying and maintaining projects on AWS
- Clearing out and updating legacy code
- Examining legacy components, consolidate them into new unified modules
- Managing day-to-day tasks using Wrike
- Communicating with in-house client representative to manage customer expectations

**Key contributions:**

- Successfully implemented and deployed Jeep 75<sup>th</sup> anniversary campaign within an extremely tight schedule
- Managed to create an online repository for centralising development documentations

Working as a developer at a digital agency can be very demanding. It's a matter of balancing your workload and prioritising what's important and which comes first. Otherwise, it's not only difficult to finish your job but also impossible to keep a high quality turnout. Therefore, it's vital to work smart, keep your code concise and modularise as much as you can.

**Technologies:** Ruby on Rails, CoffeeScript, AWS

**Open Edutainment (Contract)**

**Nov 2015 – Apr 2016**

**Front-end Developer**

Open Edutainment was a subsidiary company of China Education Television Station whose primary business was developing courseware for the Open University program. I joined the team on request of a friend to develop an online platform for administrating course and student data. My role was responsible for:

- Selecting the framework and theme of the platform
- Developing pages, modules and functionalities
- Providing technical support for other staff

**Key contributions:**

- Developed templates and modules for implementing functional pages

**Technologies:** Bootstrap, jQuery

**Predikta (Contract)**

**Jul 2015 – Oct 2015**

**Front-end Developer**

Predikta was a start-up company developing an online application called PIAT (Permanent Injury Assessment Tool) for the Australian medical community that allowed doctors to manage data of their patients. My job included:

- Designing and implementing login and supporting pages
- Developing functional pages
- Cross browser testing

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**Technologies and dev bundle:** Bootstrap, AngularJS, AWS

**TravelSky Technology Ltd. (Permanent)**

**Jan 2011 – Apr 2015**

**Front-end Developer**

TravelSky was a national enterprise providing data service for China's civil aviation industry. The company captured data through terminals and sensors deployed at agencies and airports around the country, and utilised a process called ETL (Extract, Transfer and Load) to transform the data into usable statistics and information for the clients to carry out, administer and improve their business. My main responsibilities were:

- Developing online data analysis platforms for airlines, agencies and airports using HTML, CSS, JavaScript and Java, as well as frameworks such as Struts and Spring MVC
- Designing, prototyping and implementing application interface
- Updating existing code and functionalities, fulfilling new features
- Deploying and maintaining websites
- Managing requests from clients and internal departments
- Database maintenance

**Key contributions:**

- Designed and implemented three major products
- Created a standardised framework for developing online data analysis interface

**Technologies:** Java, ExtJS, jQuery, Struts, Spring MVC

**System Engineer**

**May 2008 – Dec 2010**

This role was compulsory for people who joined the company for the first year, in order for them to comprehend how the business operated, and what the data represented. After familiarised with the trade, you have the freedom to choose which profession you want to pursue next. My job included:

- Raw data ETL using Python
- Excel reports automatic generation, compression and delivery using Java
- Preparing data analysis reports for clients and internal departments
- Server and system maintenance

**Key contributions:**

- Rewrote excel reports automatic compression algorithm, drastically reduced processing time

**Technologies:** Teradata, SQL Server, Java, Python

**KingSight Culture & Art Co., Ltd. (Contract)**

**Jan 2003 – Jan 2004**

**Multimedia Developer**

KingSight was a design company producing multimedia products and presswork for the government and publishing houses. Back then when internet was still too slow for large content consumption and browsers were too primitive to render anything substantial, multimedia CDs were a major means of disseminating information. My work included:

- Creating and organising projects
- Assets processing (graphics, video and audio)
- Turning graphic design into functional interfaces using Director
- Implementing functionalities and features using Lingo and ActionScript

**Projects included:**

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- China Facts and Figures 2003 and 2004 edition
- China State Post Bureau 2004 annual report
- Chinese Ink Painting

**Key contributions:**

- Wrote the main program for China State Post Bureau annual report
- Developed the key features for Chinese Ink Painting

**Technologies:** Director, Flash, Photoshop, Illustrator, Premiere, AfterEffects