

Yaotian Lin

Web Developer

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in www.linkedin.com/in/yaotian-lin 🐙 <https://github.com/Aaron-Lin-74>

🖱 <https://aaron-lin-74.github.io/personal-portfolio/>

CAREER OBJECTIVE

A highly motivated tech enthusiast with experience in building responsive web applications using TypeScript, React.js, Redux, Node.js, Express, HTML5, and CSS3. My skills include front-end web development, back-end web development, and AWS Cloud infrastructure.

I am looking for a talented engineering team where I can grow and also contribute my skills and knowledge to build quality applications for users/customers.

SUMMARY OF SKILLS

- Strong front-end skills and experience with TypeScript and React.
- Self-motivated and self-managing, with strong organizational skills.
- A solid understanding of core web and browser concepts
- Strong communication skills, both written and verbal.
- Experience with CI/CD systems

TECHNIQUE SKILLS

Front End

ReactJS 17, TypeScript 4, JavaScript ES6/ES7/ES8, Redux/toolkit, semantic HTML5, CSS3, Styled components, Sass, Flexbox, Webpack, Babel, jQuery, AJAX, npm, yarn, Responsive Design

Front End Testing

Jest, React Testing Library

Database

MySQL, PostgreSQL, MongoDB, DynamoDB, SQLite

Methodologies

Agile, Scrum, Test Driven Development

Back End

Node.js, Express, REST API, JWT Token, Stripe, YAML, JSON, Cron

Cloud services

AWS EC2, AWS S3, AWS Elastic Beanstalk, AWS CodePipeline, Firebase, Firebase Functions

Develop Tools & Platforms

Jira, Git, GitHub, BitBucket, Postman, ESLint

Other Languages

Python, Bash

CERTIFICATES

- AWS Certified Solution Architect — Associate [🔗](#)
- Front End Development Libraries [🔗](#)
- Back End Development and APIs [🔗](#)

EDUCATION

03/2013 – 12/2014
Melbourne


Master of Information Technology, *University of Melbourne*
Weighted Average Mark (WAM): H1

2008 – 2012
China


Bachelor of Software Engineering, *ShanDong University*

PROJECTS


2022 – present

Amazon Clone, <https://github.com/Aaron-Lin-74/amazon-clone> 


A Full Stack serverless E-commerce web application Amazon Clone implements the shopping cart and checkout functionalities.

- Implemented Amazon Clone web application with TypeScript, React, SCSS, Eslint, and tested with Jest and React Testing Library.
- Developed scalable serverless backend with Google Cloud Functions, Node/Express, and Firebase Firestore database.
- Integrated Sanity Studio as CMS and payment checkout with Stripe.
- Implemented and maintained CI/CD with Github Actions and Firebase
- Lived demo: <https://clone-b1e10.web.app/> 

2021 – 2022

Learn Animals, <https://github.com/Aaron-Lin-74/learn-animal-mern-project> 


Designed and developed a Full Stack MERN Application where kids can learn more about different kinds of animals.

- Designed and implemented the responsive, accessible web application with React, Redux, HTML5, CSS3/SASS, and ESLint.
- Implemented REST API with Express, Mongoose, MongoDB Atlas, and JWT Token, which handles user authentication, fetching animal data, and subscription.
- Used AWS CodePipeline to link GitHub repository and continuously deploy to AWS Elastic Beanstalk.
- Live demo: <http://learnanimalmern-env.eba-mn3hxtuv.ap-southeast-2.elasticbeanstalk.com/> 

2021 – 2022

Animal Sounds, <https://github.com/Aaron-Lin-74/how-animal-sounds> 


Designed and implemented Animal Sounds web application using React function components and Google Firebase. It is an interactive web application where kids can hear a variety of animal sounds.

- Implemented Animal Sounds web application with React, React Router, ESLint, and Responsive Design.
- Used Firebase for user authentication, object storage, and database.
- Combined useReducer and useContext hooks to perform state management.
- Live demo: <https://aaronlin-animal-sounds.web.app> 

2021 – 2022

Public Chatroom, <https://github.com/Aaron-Lin-74/chatroom-project> 

Developed a public chatroom where login users can send text messages, emojis, and photos.

- Developed the application with React, Firebase, TypeScript, React Testing Library, and ESLint.
- Fetched weather data from the third-party REST API.
- Implemented and maintained the CI/CD with GitHub Actions.
- Live demo: <https://aaronlin-project-chatroom.web.app> 

WORK EXPERIENCE

03/2016 – 12/2021
Melbourne

Sales Consultant to Sales Manager, *New Pathway Real Estate*

- Mentored 3 team members, stepping in to support the team and deliver smooth sales processes for customers.
- Coached sales associates on product specifications, sales incentives, and selling techniques.
- Used consultative sales approach to understand customer needs and to close deals in a short period of time.
- Achieved sales goals and service targets by cultivating and securing new customer relationships.

08/2014 – 12/2014
Melbourne

Intern, *Melbourne University Press*

- Gathered user requirements and designed the web application and database based on the requirement analysis.
- Developed a forecast management web application using HTML5, CSS3, JavaScript, CouchDB, and Nectar cloud as the server.

12/2013 – 03/2014
Melbourne

Intern, *Peazie Social Media Group*

- Involved in the Agile software development process.
- Enhanced web development skills with JavaScript, and MVC design pattern.

INTEREST

- Building software in own time and learning from online sources:
 - AWS Skill Builder, Codecademy, and FreeCodeCamp
- Learning machine learning and AI from MIT OpenCourseWare and Coursera