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 Lambda, AWS Elastic Beanstalk, Google Firebase, Google Firebase Functions

Develop Tools & Platforms
Jira, Git, GitHub, BitBucket, Postman, ESLint

Other Languages
Python, Bash

CERTIFICATES

- AWS Certified Solution Architect — Associate ⬈
- Back End Development and APIs ⬈
- Front End Development Libraries ⬈

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,** *github link* ⬈

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
- Live demo: https://clone-b1e10.web.app/ ⬈

2021 – 2022	**Learn Animals,** *github link* ⬈

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

- Designed and implemented the responsive, accessible, and highly scalable web application with React, Redux, HTML5, CSS3/SASS, and AWS Lambda.
- Developed REST API with Express, Mongoose, MongoDB Atlas, and JWT Token, which handles user authentication, fetching animal data, and subscription.
- Deployed the frontend React application on AWS S3, and backend API on AWS Lambda using Serverless Framework.
- Live demo: http://learn-animal-mern-project-aaron.s3-website-ap-southeast-2.amazonaws.com ⬈

2021 – 2022	**Animal Sounds,** *github link* ⬈

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,** *github link* ⬈

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