



SKILLS

JavaScript
HTML5/CSS3
DOM
React
Redux
Webpack
Babel
Less/Sass
Storybook
Node.js
Hapi
Express
Jest
Enzyme
BrowserStack
Redis
MongoDB
PostgreSQL
Graylog
Datadog
Sentry
AWS
GCP
Ruby on Rails

EDUCATION

UCLA
B.A. in Economics
Summa Cum Laude

App Academy
Full-stack web development

LANGUAGES

Mandarin
Indonesian

EXPERIENCE

Software Engineer at Boxed Wholesale, 2019 to present

Software design & delivery

- Deployed major SSR architecture upgrades: Webpack 4, React Router 5, Node.js 12
- Reused logic via render props, decorator/strategy (HOC) & provider (Context API) patterns
- Spearheaded unit testing React, Redux & Hapi Node.js layers utilizing Jest & Enzyme
- Enabled modern ES6/7/8 features on both client-side & server-side leveraging Babel
- Introduced Storybook to build a component library & drive autonomy in UI development
- Introduced React Helmet to enable SEO hybrid rendering & optimize Google indexing

Product engineering

- Launched coupons feature through collaboration with product, design, backend & QA
- Reduced checkout abandonment 10.3% by simplifying UI & streamlining payment auth
- Drove basket building by offering product replacements for out of stock items in cart
- Enabled frequent A/B tests by applying patterns that decouple UI logic from domain logic
- Shipped features with mobile-first design compatible across IE11, Safari, Firefox & Chrome
- Maximized ADA/WCAG a11y via keyboard control, strong signifiers & meaningful voiceovers

Website performance

- Slashed load time increase per item 83% by optimizing "Load More" category pagination
- Cut JS payload by 15% via code splitting, on-demand loading, link prefetching & caching
- Introduced Webpack Bundle Analyzer in build pipeline for network payload measurement
- Minimized failed HTTP keepAlive requests by triggering retries on sporadic socket hangups
- Fixed Node.js memory leak using Chrome DevTools heap analysis & Datadog monitoring

Digital Risk Solutions Manager at PwC, 2011 to 2018

Data analytics, project management & leadership

- Delivered fraud risk analysis by utilizing SQL to extract & transform ERP journal entry data
- Identified business risks/insights via dashboards & visualization built with Tableau & Alteryx
- Led local/offshore teams of 3-6 to deliver complex audit/advisory projects (\$500k-\$2m)
- Fostered professional development by mentoring & supporting juniors as a career coach

PROJECTS

Auteur Node.js, MongoDB, React, Redux | [live](#)

Personal challenge to build a full-stack MVP with Node.js. Design/features inspired by Tumblr.

- Users can post images, articles, links; tag, like, comment on posts; chat & follow bloggers
- Built animated widgets, 'masonry' layout, drag/drop file upload with modern HTML5/CSS3
- Leveraged Socket.IO to implement the in-app chat widget & activity notification features
- Incorporated AWS S3 to upload images & persist image data to MongoDB

MapMyCruise Rails, PostgreSQL, React, Redux | [live](#)

Personal challenge to build a full-stack MVP with Rails. Design/features inspired by MapMyRun.

- Users can map routes & log workouts; search & add friends; like & comment on workouts
- Leveraged Google Maps API to plot markers & add draggable waypoints on running routes
- Designed extensible activity & notification feeds via polymorphic schemas in PostgreSQL