

## SUMMARY

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Ben Liu is focusing on full-stack web apps developing these 5 years. He worked in JavaScript with ReactJS for 3.5 years and NodeJS for 2 years. He is always passionate about new technology and likes to learn new ideas from developer events and open source projects. He is not only an avid problem solver but also a good autodidact who is keen on more than one solution.

## SKILLS

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<i>Skills</i>	JavaScript, TypeScript, Golang, Docker, Python
<i>Libraries</i>	ReactJS, Redux, RxJS, NodeJS, Serverless, Restify, Angular, EmberJS
<i>Databases</i>	Firebase, Mongo, Redis, PostgreSQL
<i>Tools</i>	Jenkins, Buildkite, Kafka, RabbitMQ, Elasticsearch

## WORK EXPERIENCE

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### Predictive Hire, Melbourne, Australia

Oct. 2018-Jun. 2019

*Software Engineer*

- Designed and built a chatbot for 6000 applicants that brought us a half-million AUD investment.
- Reduced 600% CI/CD run time by decoupling micro-services in same integration test rate.
- Led 4 Devs and 1 DevOps to start migrating monolithic API services to micro-services.
- Reduced 200% delivery time by decoupling the data models generation and API handlers development.
- Guided 2 data specialists to process and ship 1.5 GB data to customers every month.

### Tabcorp, Melbourne, Australia

Jan. 2017-Sep. 2018

*Developer*

- Led 3 Devs and 1 DevOps to build an API service for 5000 transactions per min in 4 weeks.
- Solved 3rd party API issues across the Ops team and Devs team on production in one day.
- Reduced DOM unit tests 3500% execution time by replacing headless chrome with JSDOM.
- Increased unit tests coverage rate from 75% to higher than 95% by adding 100+ test cases.
- Resolved the browser crashed issue by throttling when receiving 150+/s data stream.
- Unblocked bottleneck to render 500% more transactions per second by queueing the stream.

### HopebayTech, Taipei, Taiwan

Feb. 2014-Oct. 2016

*Software Engineer*

- Developed an internal people management web service to reduce 100K/yr TWD license fee.
- Created 5 CI pipelines to test, build, and deliver the docker images automatically.
- Dockerized 5 web services, 3 databases, and 2 cross-compiling build systems.
- Integrated Elasticsearch with customized system monitoring APIs for 200-unit servers.

## EDUCATION

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### Bachelor's degree, Mathematics

2009-2014

*National Taiwan University, Taipei, Taiwan*