

# Lei Cao

## EXPERIENCE

### SOLUTIONS ENGINEER

#### CONTACT

☎ +65 81321483  
✉ lei.cao.life@gmail.com  
🐙 [github.com/lei-cao](https://github.com/lei-cao)  
🌐 [lei-cao.github.io](https://lei-cao.github.io)

#### SKILLS

- Javascript
- Vue
- React
- Go
- Python
- Flask
- PHP
- Android
- SQL
- Redis

#### SENIOR SOLUTIONS ENGINEER @ CRITEO

since March 2016

- Leading the App integration efficiency project by creating automated processes and tools. Digging into the details of the processes to find the bottlenecks, building the products that solve the problems in scale. As the main developer, leading the team of 3 engineers for coding and delivery the products to the TS team.  
Tech stacks used: Go, Vue, FramerJS, WebSocket, MySQL, Protobuf, Metabase, Python, Mitmproxy.
- Providing feedback and improvements ideas to Product Team and R&D for products and features owned by them.
- Working with Mobile Measurement Partners such as AppsFlyer, Adjust, Tune, Branch, being the technical expert for these partners.
- Being the technical expert for App in APAC region and supporting Local TS engineers in their daily work.
- Building documentations and training materials, conducting trainings to TS, commercial team and clients.
- Joined SEA team as the first App TS, managed App integrations of top clients in SEA such as Lazada, Shopee, Zalora, Hotels, Agoda, Traveloka.

#### SENIOR SOFTWARE ENGINEER @ ZALORA

February 2013 - February 2016

- Led the Mobile API project. Redesigned and built the Mobile API in Go. Improved the API performance and stability significantly. The API was used by iOS and Android app, React native and mobile web app.  
Tech stacks used in this project: Go, RabbitMQ, Couchbase, Elasticsearch, InfluxDB, MySQL, Thrift.
- Contributed to open source project Beego, internationalized the official documentation in English. Advocated the project by creating articles and video tutorials.
- As the sole developer, designed and developed a Zendesk App to connect the customers with profile and order information for customer service team.
- Maintained Zalora desktop and mobile e-commerce websites.  
Tech stacks used: PHP, Yii, Zend, JQuery, AngularJS, MySQL, Solr, Couchbase, Selenium, PhantomJS

#### SOFTWARE ENGINEER, CO-FOUNDER @ BAYGLE

September 2009 - January 2013

- As one of the 2 developers, with another 3 co-founders, we created a knowledge collecting and sharing community. Designed the product and built the whole web app from scratch.  
Tech stacks used: Python, Flask, JQuery, Solr, Redis, MySQL.
- Another product built in the start-up is a consumer products recommendation and review platform. Users can search the product's details and post reviews by searching or scanning the barcode.  
Worked as the sole Android Developer and built the Android app from scratch.

## EDUCATION

B.E. IN AUTOMATION @ SUN YAT-SEN UNIVERSITY

September 2005 - January 2009