

# LE KHOI PHONG

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- More than 5 years experience in develop Web Application: Javascript, ReactJS, NodeJS, ExpressJS, PostgreSQL, HTML5, CSS
- Looking for optimization in both application and development workflow
- Trained in Data Mining, Data warehousing, Machine Learning

## SKILLS

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- Languages: JavaScript, HTML5, CSS, SQL
- Frameworks: ReactJS, ExpressJS, ReactNative
- Tools: GIT, Jira, Bitbucket, GitHub, Grunt, Gulp, Bower, Npm, Yarn
- Testing: Mocha, Chai, Jest, Istanbul
- Paradigms: Asynchronous Programming, Agile Software Development, Dependency Injection, Unit Testing, REST

## PROFESSIONAL EXPERIENCE

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### Software engineer, Niometrics, Singapore

Jan 2017 – Present

- Architecture a new project that automatically classified telco subscribers based on their data usage records and particular set of rules
- Achieved very good performance by implementing a custom rule execution engine which focuses on parallel processing using NodeJS Child Process
- Utilized PostgreSQL performance in writing/reading by batch inserting/updating and ANALYZE command to set proper INDEXES.
- Build a front-end by using ReactJS, ReduxJS, D3JS

### Lead Front-end Engineer, Niometrics, Singapore

Sept 2015 – Jan 2017

- Lead a team of four engineers to develop 2 major modules by using KnockoutJS and ReactJS
- Developed a simple RESTful API for front-end by using ExpressJS
- Perform migration from KnockoutJS to ReactJS. Developed custom virtual-dom rendering for KO
- Configured visualization using HighchartJS or developed custom chart using D3JS
- Developed Map-Based module using LeafletJS and add interaction on top of it.

### Front-end Engineer, Niometrics, Singapore

Aug 2014 – Sept 2017

- Developed dashboard using jQuery/KnockoutJS
- Add Interaction to RaphaelJS Chart
- Developed a new simple Wireshark-like web app for network packet inspection
- Learned how to process geographical data to build mapview module in 1 week

### FREELANCER/PART-TIME, Various, Vietnam

2010 – 2014

- Developed websites using Wordpress PHP, including custom theme and functions
- Developed e-commerce website using PHP Cake and KnockoutJS
- Developed open source chrome extensions, one has 10k monthly users

## EDUCATION

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### National University Of Singapore – Singapore – Master of Technology (Knowledge Engineering) 2016

Focus on building intelligent system: data mining, machine learning, data warehouse, ...

### FPT University – Vietnam – Bachelor of Software Engineer (Information System)

2013

Software Development Process, Software Engineer, Software Testing, ...