

# Jing Jie Lim

## Software Engineer

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✉ [jingjie.lim@outlook.com](mailto:jingjie.lim@outlook.com)  
👤 [jingjielim.github.io](https://jingjielim.github.io)  
in [/jingjielim](https://www.linkedin.com/in/jingjielim)  
🐙 [/jingjielim](https://github.com/jingjielim)

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### Skills

JavaScript  
HTML/CSS  
React  
Bootstrap  
jQuery  
Node.js  
Express.js  
MongoDB  
Mongoose  
Ruby on Rails  
PostgreSQL  
Git  
heroku  
AWS  
Python

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### Education

**Nanyang Technological University (NTU), Singapore**  
2014-2017  
**B.Eng. Aerospace Engineering**  
**First Class Honours**  
GPA 4.91/5.00  
NTU College Scholarship  
Dean's list Year 1, Year 4

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### Work Eligibility

J-2 Visa (No sponsorship required)

### Languages

English, Mandarin

### Software Experience

#### General Assembly Software Engineering Immersive

Jan 2020 – Apr 2020

- 500+ hour, 12-week intensive program diving deep into leading front-end web development and back-end web development languages.  
Featured Projects:

##### PriceSaver

Built a price comparison app for the price conscious consumer. Record and update the prices for items in different stores and the cheapest price for each item will be highlighted. Implemented autocomplete for the prices input fields and custom filtering of items by names and cheapest stores

Built with: React, Axios, Bootstrap, Ruby on Rails, PostgreSQL

##### inStock

Built an inventory management system application with a team using the Scrum agile development methodology. Integrated bootstrap-table package for sorting and filtering of inventory.

Built with: Express, MongoDB, Mongoose, Node, Handlebars

##### Lytfill

Built a single page full-stack application for sharing photo collections. Implemented dynamic likes and comments updates to photos. Integrated Isotope package for filtering by username, current user's photos and photos liked by current user. Also sorts by likes, comments and dates.

Built with: Ruby on Rails, PostgreSQL, Heroku, Isotope

##### Tic Tac Toe

Built an interactive app of Tic Tac Toe including an AI that uses the Minimax Algorithm. Implemented feature to continue playing a previously unfinished game.

Built with: BootStrap, jQuery, AJAX, JavaScript, HTML, CSS, SASS

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### Other Work Experience

#### Defence Science and Technology Agency (DSTA), Singapore Project Engineer, Air Systems

Aug 2018 – Nov 2019

DSTA is a statutory board under the Ministry of Defence of Singapore. It undertakes capability planning, design, development, acquisition and systems integration responsibilities, as well as operations and support management to meet the national security needs of Singapore.

Project 1 – Analysed general requirements for generating technical specifications. Researched technical feasibility of requirements. Assessed alternative solutions through trade studies. Assisted with risk assessment, operations and support planning.

Project 2 – Assisted in managing of project through design reviews, maintaining documentation on project milestones, monitoring project status, progress, and risks.

Project 3 – An initiative to consolidate maintenance requirements of different systems. Assisted in reviewing the requirements and eliminating redundant maintenance services resulting in savings of >\$100k a year.