

# CALVIN LOH

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## PROFESSIONAL EXPERIENCE

### Software engineer, NCS Group — Jun 2022 - Present

Location: NCS Hub

- Develop full-stack web application with proprietary Angular-Spring Boot Java Framework based on user stories and specifications.
- Put into practice agile scrum methodology in a hybrid team environment, using Kanban boards, GitLab and latest DevOps tools.
- Under the mentorship of senior colleagues in developing software engineering best practices.

### Temporary Java Software engineer, Sopra Steria Asia Pte. Ltd. — Jun 2021 - Sep 2021

Location: Fusionopolis, one-north business park

- Paired with a senior colleague with tasks within development and testing phases of iterative-based software development lifecycle, with on-job learning experience as a priority
- Effectively troubleshoot and resolve issues within backend rule engine and object-oriented Java component, with active collaboration among hybrid team through Jira and Microsoft Teams
- Utilised the latest tech stack and DevOps tools to assist development within the context of a government contracted IT project.

### Communications Specialist 3rd Sergeant (NS), Republic of Singapore Navy — Jan 2018 - Nov 2019

Served onboard Victory class Missile Corvette after Specialist Cadet School

- In-charge of Food and beverage catering for 188 Squadron anniversary celebrations 2019, along with fellow committee members from the same ship
- Maintained competency as radio operator from ship communications department with operation and maintenance of Internet Protocol (IP) network systems, within an operationally ready warship
- Prioritised vigilance towards safety in hazardous shipboard workplace environment, i.e. shipboard firefighting, seamanship, work at height and confined space

## EDUCATION

University of London, SIM Global Education — Bachelor of Science (Honours) Computing and Information Systems (Second Upper Division), Sep 2019 - May 2022

Yishun Junior College — GCE Advanced Level, Jan 2016 - Dec 2017

## **CO-CURRICULAR ACTIVITIES**

### **Debate Society, Yishun Junior College**

- Competed with 3 fellow team members in Inter-college Debate Tournament, presented formal arguments given limited preparation time
- Trained as Adjudicator and volunteered for the role in Secondary School level Debate championship

### **Student Writer, Nanyang Polytechnic**

- Contributed and published multiple articles for the NYP publication and blog
- Covered and written articles for various polytechnic events, i.e. Inter-school Debates competition, Stomp out Dengue community service event (Published articles in References section)

### **Vice-President Student council, Ahmad Ibrahim Secondary School**

- Worked jointly with 4 fellow committee members and teachers in organising Graduating batch farewell ceremony
- Planned and coordinated manpower resources together with over 20 fellow Student councillors in the ceremony

### **Section Leader, National Cadet Corps, Ahmad Ibrahim Secondary School**

- Conducted various military proficiency trainings for section of 30 under my charge, while ensuring welfare of its members
- Represented the unit in Inter-school Kayaking Competition and Annual Kayaking Expedition, after achieving required competencies

## **BASIC PROFICIENCIES**

GitHub projects: <https://www.github.com/calvindotsg>

Agile scrum software development, Object-oriented Java, Angular, Spring boot, Apache Maven, React, MySQL, REST services, HTML5, MySQL, MS SQL, Jira, AWS, Jenkins, GitLab, Git, Neural networks and Artificial intelligence, Algorithm design, Integration Design, Advanced graphics and animation, E-commerce and e-Business, Rule-based decision making, Network systems, Wireless communications, Data structures, Docker containers, Operating Systems and Linux, Batch command line, HTML and related markup languages

## **REFERENCES**

Loh, C. and Jeyathanan, P., 2014. Discover NYP: Interschool Debate Finals: And the Winner Is.....". [online] Discover NYP. Available at: <<https://web.archive.org/web/20210309074708/https://yolk16.rssing.com/chan-9426123/article142.html>> [Accessed 9 March 2021].

Loh, C. and Yeo, A., 2014. Discover NYP: Stomp Out Dengue Carnival 2014 Touches Hearts and Minds. [online] Discover NYP. Available at: <<https://web.archive.org/web/20150328034404/http://discover-nyp.blogspot.sg/2014/07/stomp-out-dengue-carnival-2014-touches.html>> [Accessed 9 March 2021]