

JONATHAN KONG BOON LIENG

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WORK EXPERIENCE

SAP

Software Engineer Intern (Full-stack)

Oct 2023 - Mar 2023

- Part of the Platform and Integrations team, focusing on implementation of applied and generative AI.
- Will be working on prototype projects, making use of both SAP and Non-SAP technologies.

Zendesk

Software Engineer Intern (Front-end)

Jan 2023 - July 2023

- Led the @types/react18 upgrade during the React-18 revamp, fixing >600 errors in >250 files using codemod and manual scripts.
- Spearheaded collaboration between >25 teams while taking charge of writing comprehensive documents for the types upgrade.
- Authored an ESLint rule for useState() lazy initialization, enhancing code quality and performance. Received public recognition on facebook_react repo.
- Established front-to-back tracing using OpenTelemetry and Datadog, strengthening service observability.
- Managed customer escalations requiring deep analysis of key web performance metrics.

CirclesLife

Software Engineer Intern (Full-stack)

May 2022 - Nov 2022

- Spearheaded full-stack development for a web app which serves ~1500 participants for a live event done in collaboration with The Pokémon Company.
- Collaborated with software engineers, designers and product managers in a Scrum team to develop a first-to-market enterprise web application for eSIM card management.
- Implemented and owned features such as an automated changelog, data grid and customer onboarding tool comprising backend APIs and client-facing user interface.
- Designed and built a landing page for the above product using Figma, NextJS and WPEngine.
- Implemented end-to-end test scripts using Cypress, ensuring conformance to business requirements.

Singapore Armed Forces

Reconnaissance Platoon Leader (Regular)

Oct 2016 - Oct 2021

- Managed the welfare, discipline, training and morale of a company size of 130 soldiers.
- Organized critical events for the Army, such as National Day Parade and various overseas exercises.

PROJECTS

SubiRegex.com *NextJS, GPT-4*

<https://www.subiregex.com/>

Generate RegEx using plain English.

City of Life *JavaScript, Html, Css, Unity (C#)*

<https://github.com/legendkong/CityOfLife>

Visualise your portfolio's ESG ratings through a real-world city simulation.

Issho *ReactJS, Socket.io, MongoDB*

<https://github.com/legendkong/isscho>

Issho is a collaboration tool which works similar to google docs + notion.

EDUCATION

University of Wollongong

Singapore

Bachelor of Computer Science, Major in Big Data

Sept 2021 - June 2024

National University of Singapore

Singapore

Professional Certificate in Financial Technology

Jan 2022 - Apr 2022

HACKATHONS & COMPETITIONS

Goldman Sachs GS ENGage 2021 - First Place

Goldman Sachs

Led a team to develop a web app to raise the public awareness of Sustainable Investment.

Apr 2022

SKILLS

Programming Languages: Javascript, Typescript, HTML, CSS, Java, SQL, noSQL, git, docker, AWS

LinkedIn: <https://www.linkedin.com/in/jonathan-kong-boon-lieng/>

Github: <https://github.com/legendkong>

Publications: <https://medium.com/@legendKong>