Jonathan Chan
Senior Software Engineer

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Skills

Knowledgeable in multiple programming languages, software tools and frameworks
- Ruby, Haml, HTML, CSS, JavaScript
- Ruby on Rails, Sidekiq, Socket.IO, Flask, Bootstrap
- MongoDB, Redis

Familiar with various project workflows and software engineering practices
- Git, GitHub, GitLab, Sourcetree, Postman, Jenkins
- Docker, Kubernetes, Lens, Rancher, Nginx, Gunicorn, Digital Ocean, AWS
- Agile, Jira, Trello

Possess critical thinking, analytical and have good interpersonal skills
- Can speak English, Mandarin, Malay and Cantonese
- Inquisitive and resourceful
- Attention to details

Experience

Senior Software Engineer / Dynamite Games — Jul 2025 - Present

Worked with the backend team in web game development, collaborating with operations, QA and game design teams
- Spearheaded the integration of CI testing into projects, improving test coverage and code reliability
- Designed and built a localization framework, enabling seamless multi-language support for game history page
- Worked on the revamp of internal tools, adding new features and enhancing interface with better UI & UX
- Onboard and mentor new team members

Software Engineer / Dynamite Games — Jun 2023 - Jun 2025 (2 yrs 1 mo)

- Involved in end-to-end game development lifecycle, drive technical and non-technical discussions for product decisions
- Developed simulations and unit tests to validate product accuracy
- Managing database operations, utilising tools like Rancher/ Lens for configurations and debugging purposes
- Proficient in using CI/CD pipelines for testing and deployment
- Participate in 24/7 standby rotations to offer operational support

Tools and technologies:
Ruby on Rails, Haml, Sidekiq, React, MongoDB, Redis, GitLab, Sourcetree, Postman, Jenkins, Docker, Kubernetes, Lens, Rancher, AWS, Jira

Professional Player / SEM9 — Nov 2021 - Apr 2023 (1 yr 4 mos)

Berjaya Esports (Berjaya Dragons) — Jan 2020 - Oct 2021 (1 yr 10 mos)

Assistant Manager/ Esports Coach / Professional Player

Worked with Berjaya Dragons - esports team back by Malaysian conglomerate, Berjaya Corporation Berhad
- Managing various esports team under Berjaya Dragons
- Assists in various operations to ensure the day-to-day runnings of the organisation
- Player coach for the Wild Rift team
- Team captain

Audit Associate / JB Lau & Khoo — Jun 2018 - Jun 2019 (1 yr 1 mo)

Involved in complete audit assignments from pre-engagement to finalisation of reports for dormant and SME companies

Professional Player / Fire Dragoon Esports — Jun 2017 - May 2018 (1 yr)

League of Legends professional player under Fire Dragoon
- Team captain

Audit Trainee / KPMG — Oct 2016 - Jan 2017 (4 mos)

Projects

Ban Pick Tool   Web Application Development — Jan 2023 - Present

Web app that simulates the Mobile Legends Draft Pick selection phase

Mortgage Calculator   Streamlit App — Aug 2024 - Present

A simple mortgage calculator developed using the Streamlit framework

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Education

CS50 Introduction to Computer Science / HarvardX — 2022 - 2023

Bachelor of Commerce (Hons) Accounting / University Tunku Abdul Rahman — 2014 - 2017
CGPA: 3.1368 / Honours Degree with Merit

Foundation in Arts (Management and Accountancy) / University Tunku Abdul Rahman — 2013 - 2014
CGPA: 3.7340