Jonathan Chan
Software Engineer

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Skills

Knowledgeable in multiple programming languages, software tools and frameworks
- Ruby, Haml, C, Python, HTML, CSS, JavaScript
- Ruby on Rails, Sidekiq, React, Django, Flask, Bootstrap
- MongoDB, Redis, SQLite

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

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

Relevant Experience

Dynamite Games / Software Engineer — June 2023 - Present

Worked with the backend team in web game development, collaborating with operations, QA and game design teams to optimise gameplay and address technical hurdles
- Involved in end-to-end game development lifecycle, drive technical and non-technical discussions to make best possible tech and 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
- Participating in a weekly 24-hour standby to offer operational support
- Onboard and mentor new team members

Tools and technologies:
Ruby on Rails, React, JavaScript, TypeScript, Haml, MongoDB, Redis, Sidekiq, GitLab, Sourcetree, Postman, Docker, Kubernetes, Lens, Rancher, Jenkins, AWS, S3, Jira

Other Experiences

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

Berjaya Esports (Berjaya Dragons) — Jan 2020 - Oct 2021 (1 yr 10 mos)
Professional Player (League of Legends: Wild Rift)
Assistant Manager/ Esports Coach
Professional Player (League of Legends PC)

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

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

KPMG / Audit Trainee — 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 — August 2024 - Present
A simple mortgage calculator developed using the Streamlit framework

Education

CS50 Introduction to Computer Science / HarvardX — 2022 - 2023
Harvard University's introduction to the intellectual enterprises of computer science and the art of programming

Bachelor of Commerce (Hons) Accounting / University Tunku Abdul Rahman — 2014 - 2017
CGPA: 3.1368 / Honours Degree with Merit
- Academic Honours - Dean's List
- Malaysian University English Test (MUET)
  Score: Band 5

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

Sijil Pelajaran Malaysia, Science (SPM) / SMK Bercham — 2008 - 2012
Grades: 8As 2Bs