Jason Hiew Weng Yee

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Portfolio website (rarely updated)
https://jason-devs.com/

Objective

Methodical and reliable problem solver with an honest attitude towards his job. Has an eye for debugging and tinkering with code. Currently working at Upstack Studio Sdn Bhd as a Software Engineer

Skills & Abilities

Technical / Computer Skills

- Has working experience with these stacks:
  - BE: NestJS, FE: React / React Native
  - BE & FE: Ruby on Rails, NestJS
- Has working knowledge with these technologies:
  - Scripting: Python (for very basic image classification), Ansible (for local CI/CD deployment)
  - Frameworks: Vite, Next.js, Codeigniter
  - CSS: Tailwind, SCSS
  - UI component libraries: AntDesign, Mantine, Chakra UI, daisyUI
  - Native mobile development: Android
  - VCS tools: Github, Bitbucket
  - CI platforms: Github Actions, CircleCI
  - Hosting services: fly.io, Railway, Heroku (Rarely), Digital Ocean(Rarely), AWS EC2(Rarely)
  - Other languages: Java (Used in uni), C (Used in uni), Go (Tried briefly), Rust (Tried briefly)
  - OS: MacOS and Linuxfor work. Windows for non-work stuff
- Practices TDD development for anything except small personal projects

Working Experience

Fullstack Software Engineer —Upstack Studio Sdn Bhd, Remote   Sep 2022 — Present
- Developed new features and maintained a cross-platform (iOS & Android) React Native Tele-medicine app
- Developed and maintained a NestJS app (Cat cataloging app with AI facial recognition)
- Developed and maintained Ruby on Rails apps
- Maintained automated CI/CD pipelines for Bitrise (Mobile)

- Developed and maintained automated CI/CD pipelines with CircleCi and Fly.io (Backend)
- Worked with page builders (i.e. Webflow, Wordpress, Shopify, Carrd etc)

Security Analyst Intern —SysArmy Sdn Bhd, Bandar Sri Permaisuri, Cheras   Mar 2022 — Aug 2022
- Performed real time security monitoring for client sites using SIEM and maintained network and security devices
- Acted as the first level support of monitoring and investigations in the Security Operations Centre (SOC).
- Performed hands on security investigation for security event alerts in SIEM dashboard
- Liaised with System, Network and Firewall Administrator for investigations.
- Handled, validated, and investigated security events
- Reviewed and analyzed logs files, system messages, event details, network packets for investigations
- Managed and followed cases with clients, providing remediation for open cases and close cases accordingly
- Managed and provided reporting documentation for client sites (daily and monthly reporting)
- Performed basic forensic investigation
- Complied with the Information Security Policy in the organization

Software Developer Intern —International Islam University Malaysia, Kuantan, Pahang   Dec 2017 — Mar 2018
- Successfully completed and launched the Visitor Management System in 2018 which is still used daily
- Tech used: Firebase, Javascript, HTML, CSS
- Utilizes a MyKad reader to automatically check in or out visitors
- Has a Web app for desktop and an Android app for mobile
- Staff can use the Android app to view visitors who are in the campus

Final Year Project (UMP)
- Secure Note Web Application with Envelope Encryption And 2FA.
- Description:
  - Secure Notes is a web app for taking notes and keeping them safe
  - Notes can be locked and encrypted with envelope encryption (encrypting encrypted text with a rotatable encryption key on AWS KMS)
  - Login is secured with two-factor authentication
  - Passwords are hashed with bcrypt algorithm
  - Notes can be shared with other users within the organization

- o   Uses Pusher to support some concurrent collaboration between users
- Achievements:
  - o   Gold Award - Citrex 2022.
  - o   Silver Award - FYPRO.COM Carnival Sem 1 2021/2022.
- Tech used: PHP (CodeIgniter), Javascript, HTML, CSS, MySQL, AWS (Amazon Web Services) KMS, AWS EC2, AWS S3.
- Libraries used: jQuery, Pusher, googleauthenticator by phpgangsta.

Education

Universiti Malaysia Pahang — Bachelor of Computer Science (Software Engineering) with Honours.   2018 — 2021

CGPA: 3.78

Dean's List, 2018-2020.

Kolej Yayasan Pahang — Diploma in Computer Science (Information Technology) In Collaboration with Universiti Teknologi Malaysia.   2015 — 2018

CGPA: 3.69.

Dean's List, 2015-2018.

Personal Experience

Co-curricular Activities

Equipment Unit Leader – UMP Archery Club Tournament – 2019.

- Led the team in charge of equipment for the tournament.

Committee Member - Kolej Yayasan Pahang Student Council – 2017.

- Organized events for the college.

Flood aid volunteer – Red Crescent Society – 2015.

- Helped flood victims at a flood relief center.

Language

English, Malay, Chinese (Broken).