

JASON DÊNN

MERN Stack | AWS Certified SAA

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PROJECTS

SunshineWaiter - Restaurant Order Management System (15,000+ Lines-of-Code)

(High Distinction) Master of IT capstone project, with MERN stack and RESTful API.

- Design 80% of all functionalities, including menu management, order placement, order fulfilment, and staff management.
- Implement 48 API requests using Express.js (Node.js), almost bug free.
- Implement role-based access control (RBAC) using JWT, protecting all API endpoints.
- Rapid prototyping with Balsamiq for the whole system within 2 days.
- Apply agile sprint with JIRA in a team of 5.
- Provide API implementation training to teammates.

EXPERIENCE

Application Developer - MacOS & iOS

XMind Ltd

📅 04/2017 - 10/2017 📍 Shenzhen, China

Lighten for MacOS, XMind for iOS - Commercial mindmap softwares that serve millions of users and receive multi-awards from App Store.

- Build and maintain coordination between different interfaces including menus, panel and keyboard (Cocoa Framework).
- Design and implement graphic interaction features (drag and release etc) using CoreGraphic.
- Optimise performance, leading to 40 times faster operations speed (zoom-in/out, drag, etc) than original.
- Co-build UI from scratch: page-routing, file management page, transition animation, etc, using Swift, GCD, CoreGraphic, UICollectionView, etc.

EDUCATION

Master of IT

UNSW

📅 07/2018 - 06/2020

- HD on all project courses
- Web Application Development: SaaS Project, Data Services Engineering, Networks and Application, and Capstone Project.
- Algorithms: Data Structures and Algorithms, Extended Algorithms
- Program Design: (In-)formal Methods.
- OS: Operating Systems, Distributed System.

SUMMARY

AWS Certified Solution Architect - Associate with both commercial and academic experience on building web, mobile, and desktop application

Quality Code - Build reusable modules with effort on controlling complexity and coupling.

SKILLS

AWS MERN Stack MongoDB

React Node.js RESTful API

Javascript System Design Git

Markdown RBAC & ABAC

Swift + Objective-C (iOS)

STRENGTHS

Professional Delivery

In the project of SunshineWaiter, I managed to:

- Test before deliver - In 48 APIs, only one bug was found after delivery.
- Interactive documentation with Postman collection
- Deliver React components with isolated and editable demos, e.g image-upload
- Videos illustration for complicated APIs, e.g staff management

CERTIFICATION

AWS Certified Solutions Architect – Associate

Issued by AWS Training and Certification