Clayton, VIC 3168 | 434-624-018 | crimsong224@gmail.com

CODY CHEN

EDUCATION

Monash University, Melbourne, VIC
Master of Information Technology, Information Technology, Expected in 06/2023
- Professional development completed in internet application development, mobile and distributed computing systems, enterprise application development for the web, big data processing, cloud computing and security.

PROFESSIONAL SUMMARY

Complex problem-solver with analytical and driven mindset. Dedicated to achieving demanding development objectives according to tight schedules while producing impeccable code.

PORTFOLIOS

- https://cchen616.github.io/

SKILLS

- Programming Languages: Python, Java, HTML, CSS, JavaScript, C#, php
- Web Framework: Angular.js, SpringBoot, vue.js
- Database: Oracle, MongoDB, Mysql
- Cloud service: AWS
- CI/CD: Git
- Operating System: Unix/Linux

PROFESSIONAL EXPERIENCE

UI/UX DESIGNER INTERN 11/2022 to 02/2023
AML Cloud, Melbourne, VIC

- Devised site maps, user flows, wireframes and mockups for designs using Figma and Flutter Flow, according to stakeholder requests and end-user feedback.
- Conducted research by interviewing users, external customers and various stakeholders.
- Communicated with product manager and fellow UI/UX designers to translate project requirements and business objectives into polished user interfaces.

PROJECT EXPERIENCE

.NET Web Application Development
Leveraged .Net Core to develop a comprehensive dental service management platform, enabling users to seamlessly control their profiles and schedule appointments.
- Implemented secure role-based authentication via Identity Server, enhancing user safety and data integrity.

- Devised interactive, responsive UI employing Bootstrap, thus ensuring optimal UX across devices.
- Integrated web services using RESTful API, improving interoperability.
- Utilized Entity Framework for database interactions, facilitating CRUD operations.
- Developed an SMTP-based notification system for email communications and integrated Google Maps API for geographic navigation, offering personalized user experiences.

Java Spring Web Application Development

Utilized Spring Boot and Thymeleaf to architect a robust web-based insurance management system with a MySQL database backend.
- Realized full-stack development with CRUD functionalities, using JPA and Hibernate for effective data manipulation.
- Employed Spring Security for role-based authentication, solidifying system security.
- Devised a RESTful API service layer to promote modularity and scalability.
- Implemented role-based information management, enabling efficient data access and manipulation. Integrated Swagger for API documentation, enhancing maintainability.
- Utilized Test-Driven Development with JUnit and Mockito to ensure software quality.

Wordpress Website Development

A comprehensive WordPress website designed to empower elderly individuals using various Wordpress components and plugins as well as native html.
- Leveraged PHP to build and manage a robust MySQL database, ensuring efficient data retrieval, storage, and manipulation. This database underpinned the site's various dynamic functionalities.
- Developed a custom financial calculator as well as a resume builder using native JavaScript.
- Integrated the Seek API to build a personalized job search tool. Implemented advanced search filters for users to find jobs aligned with their preferences.