

Lim Zhen Yang

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EDUCATION

BSC. COMPUTER SCIENCE WITH BIG DATA SPECIALIZATION

| Sep 2021 - Mar 2024

University of Wollongong

Weighted Average Mark(WAM): 70.55

PROJECT

DIET AND NUTRITION MOBILE APP

REACT NATIVE, NODEMON, EXPRESS, TAILWIND, MONGODB, GIT, JIRA, REST

- Took charge of the database design as Project Leader and Full-Stack Developer, ensuring optimal performance and seamless integration.
- Led end-to-end development, implementing CRUD operations with Express.js and Mongoose for efficient data management.
- Demonstrated effective leadership by fostering clear communication and establishing project milestones.
- Showcased technical proficiency, leadership, and communication skills vital for successful collaboration.

CINEMA BOOKING WEBSITE

NEXT, NODE, EXPRESS, TAILWIND, MONGODB, GIT, JIRA, REST, DOCKER

- Developed a full-stack movie website, incorporating comprehensive CRUD operations.
- Implemented front-end and back-end components, ensuring a feature-rich movie website.
- Designed an intuitive and responsive user interface using Tailwind CSS, enhancing the overall user experience.
- Containerized the back-end API with Docker, streamlining deployment processes.
- Deployed the fully containerized application on AWS EC2 with Elastic Beanstalk for scalability and reliability.
- Collaborated with a cross-functional team to achieve project milestones and deliver end-to-end solutions.

CALORIE TRACKER APP

REACT NATIVE, NODE, EXPRESS, MONGODB, REST

- Collaborated on a group project with friends for a Hackathon, resulting in the development of a calorie tracker app which tailored to Singaporean diets.
- Contributed to both front-end and back-end development, implementing CRUD systems for seamless user interactions.
- Integrated the TDEE algorithm to provide personalized calorie recommendations for users.

PET SAFE HAVEN

REACT, FIREBASE

- Designed and implemented a dynamic front-end pet adoption website as part of a school project.
- Leveraged Firebase for seamless deployment, enhancing website responsiveness and user interactivity.
- Showcased a plethora of pets and provided an engaging platform for users to explore and adopt pets.
- Implemented filtering functionality allowing users to search for pets based on their breed.

SKILLS

Languages (Proficiency): JavaScript, Java, Python, C++, SQL, HQL, Pig Latin, HBase

Web Development: React, React Native, JavaScript, Tailwind CSS, Node, Express, Next

Technology: Git, GitHub, MongoDB, Linux, Hive, Hadoop, JIRA, Docker

WORK EXPERIENCE

BUKIT TIMAH VACCINATION CENTRE | Vaccinator

| Jun 2021 – Sep 2021

- Administered vaccines and proficiently used software for patient documentation and walk-ins.
- Managed responsibilities during peak periods, handling 1500-2000 incoming patients per day.
- Attended to patients in the waiting area and effectively dealt with medical incidents.

THE DAILY SCOOPS SINGAPORE | Service Crew

| Jan 2017 - Jan 2019

- Provided professional customer service as a barista and server.
- Led training sessions for new café staff, emphasizing customer service excellence, beverage preparation techniques, and efficient order handling.
- Demonstrated logistical skills in managing incoming and outgoing stocks.
- Ensured neat documentation of documents related to stock management.

SINGHEALTH CHANGI GENERAL HOSPITAL | Data Analyst Internship

| Apr 2018 – Jul 2018

- In charge of collecting clinical data and conducting analysis using Microsoft Excel and Simul8.
- Developed and implemented strategic plans for data management and analytics.
- Analysed data, identified trends, and created dashboards to drive business decisions.
- Monitored data integrity, ensuring quality control and standardization within the analytics ecosystem.
- Drove self-service analytics, fostering collaboration with stakeholders and promoting data literacy.
- Identified business needs, facilitated cross-cluster data-driven innovation, and suggested improvements.