CARLSON RICARDO SALIM

+62 877-7229-0059 • crsalim168@gmail.com • LinkedIn • GitHub

SUMMARY

A highly motivated Computer Science graduate from UCSD with a strong foundation in software engineering, looking to apply my technical skills in web and software development to real-world challenges. Passionate about continuous learning, problem-solving, and collaborating in dynamic, innovative teams.

EDUCATION

Bachelor Of Science, Computer Science — Graduating June 2024
University of California San Diego, San Diego, CA — 3.53 GPA
Relevant coursework: Advanced Data Structure, Database, Software Engineer, Algorithm Design

Associate in Arts Computer Science — Graduating June 2022
Mt. San Antonio College, Walnut, CA — 3.96 GPA
Relevant coursework: Data Structure, Engineering Physics, Discrete Math Application

TECHNICAL SKILLS

Version Control System: Git, GitHub
Web Development: Front-End, Back-End
Programming: C++, Java, Python, JavaScript, HTML, CSS, R, SQL

EXPERIENCE

PT. Salim Tritunggal Cemerlang, Indonesia: Software Engineer — August 2024 – Present

- Developed a cost calculation program for analyzing profit margins of imported goods, considering parameters like freight, RMB exchange rate, entry costs to Jakarta, and taxes for two shipping routes (A and B).
- Designed a user-friendly interface for admins to efficiently insert, update, delete, print and track records of items, including details such as cost, CBF, and sell price.
- Implemented a secure database for storing item records, enabling quick access and real-time profit calculations.

PT. Salim Tritunggal Cemerlang, Indonesia: Full-Stack Developer Intern — June 2023 – Sep 2023

- Contributed to the development of a product-listing website, efficiently showcasing company products and streamlining order processing for the sales team.
- Developed a multi-tiered user system with distinct roles for salespersons and admins, implementing role-specific access controls for tailored user experiences and efficient content management.
- Efficiently retrieved image and data information from an .mdb file and an Amazon S3 bucket, ensuring quick and reliable data access.

Indonesia International Institute for Life-Sciences (i3L), : IT Programmer Intern — June 2022 – August 2022

- Contributed to the development of a thesis proposal submission system at i3L, streamlining the graduation process for final-year students.
- Focused on enhancing user experience by designing an intuitive interface for students to submit proposals and professors to review and approve them.

ACADEMIC PROJECTS

PantryPal Web Application — Fall 2023
Full-Stack Development of a Recipe Recommendation and Management System

- Developed a Java-based full-stack web application that allows users to manage and edit their personal recipes.
- Integrated OpenAI's API to generate personalized recipe recommendations, enabling users to interact with GPT for creating new recipe ideas.
- Employed MongoDB for efficient data storage, ensuring seamless management and retrieval of user-generated recipes.