Jon Arbell De Ocampo

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Objective

Motivated 3rd-year Computer Science undergraduate with a strong foundation in software development, specializing in Java Spring Boot. Eager to secure an entry-level software development position where I can contribute to innovative projects and enhance my skills in building secure and efficient backend applications.

Education

ICCT COLLEGES FOUNDATION INC.   Cainta, Rizal
Bachelor of Science in Computer Science (Undergraduate)   2022 - 2025

MINDTECH TRAINING AND DEVELOPMENT INSTITUTE INC. | TESDA   Kapitolyo, Pasig City
Computer System Servicing - NC II (Certificate of Training + NC II) | 47 days   October - December 2024

SOUTHERN LUZON TECHNOLOGICAL COLLEGE FOUNDATION, INC. | TESDA   Kapitolyo, Pasig City
Java Programming - NC III (Certificate of Training) | 35 days   August - October 2023

AMA COMPUTER COLLEGE LA UNION   San Fernando, La Union
ICT Programming - SHS   April 2021

Experience

Facilities Managers Inc.   Edsa Guadalupe, Makati City
Data Encoder   February 2024 - July 2024

- Accurately input data into Excel spreadsheets and verify accuracy.
- Scan documents and encode data into the company's software application.
- Upload completed and verified data to the company's designated website.
- Ensured data integrity and maintained confidentiality of sensitive information.

Projects

Thesis Project (In Progress): PhishAlert - AI-Enhanced URL Protection (Gmail Extension)
PhishAlert is a browser extension for Gmail that detects phishing links in emails. It uses a Spring Boot backend to communicate between the frontend and analysis tools. URLs are analyzed using OpenAI for intelligent detection and the Google Safe Browsing API for threat checks. PhishAlert provides users with safety alerts, helping to prevent phishing attacks and protect sensitive information.

My Portfolio
Portfolio Website - A full-stack portfolio built with Angular (frontend) and Spring Boot (backend). Features a responsive UI, project showcase, and a contact form with email functionality using Spring Boot. Deployed on netlify for frontend & Render for backend.

PEA To-Do List Application
My first web application originally built using Spring Boot, PostgreSQL, and Thymeleaf with features like authentication, to-do management, and JWT security. Currently undergoing a full revision to improve architecture, performance, and maintainability.

Tic-tac-toe
A simple Tic Tac Toe game developed using HTML, CSS, and JavaScript. The primary goal of this project is to enhance my JavaScript DOM manipulation skills.

Skills

Backend Development: Java, Spring Boot (Core, Spring Data JPA, REST API, Spring MVC), Spring Security
Frontend Development: Angular, Tailwind CSS, JavaScript, TypeScript
Build Tools: Maven
Version Control: GitHub
Database Management System: PostgreSQL
Containerization: Docker (Basic usage for deployment)