

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. Bachelor of Science in Computer Science (Undergraduate)	Cainta, Rizal 2022 - 2025
MINDTECH TRAINING AND DEVELOPMENT INSTITUTE INC. TESDA Computer System Servicing - NC II (Certificate of Training + NC II) 47 days	Kapitolyo, Pasig City October - December 2024
SOUTHERN LUZON TECHNOLOGICAL COLLEGE FOUNDATION, INC. TESDA Java Programming - NC III (Certificate of Training) 35 days	Kapitolyo, Pasig City August - October 2023
AMA COMPUTER COLLEGE LA UNION ICT Programming - SHS	San Fernando, La Union April 2021

Experience

Facilities Managers Inc. Data Encoder	Edsa Guadalupe, Makati City February 2024 - July 2024
<ul style="list-style-type: none">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.

Shorti.fy (In Progress)

Shorti.fy is a URL shortener with custom links, expiration dates, click tracking, visitor analytics (masked IPs, location, device info), QR code generation, and password protection for secure sharing.

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.

Skills

Backend Development: Java, Spring Boot (Core, Spring Data JPA, REST API, Spring MVC), Spring Security

Frontend Development: Angular (TypeScript), JavaScript, Tailwind CSS

Build Tool: Maven

Version Control: Git & GitHub

Database: PostgreSQL, H2 (for Testing)

Containerization: Basic Docker usage for deployment