






JAN CARLO ONCE

SOFTWARE ENGINEER

 Roque 1 Extension, Tandang Sora QC.,
Quezon City, Philippines

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ABOUT ME

I am a dedicated Software Engineer with 7 years of experience in Software Development and Engineering. My expertise includes Fullstack Web Development, Data Science, and Artificial Intelligence. I pride myself on being a team player with a keen eye for detail, ensuring that projects are delivered with precision and excellence.

EDUCATION

BS INFORMATION TECHNOLOGY

Quezon City University /
Quezon City /
2017

- Major: BS Information Technology, Field of Study: Science and Technology

LINKS

Linkedin:
<https://www.linkedin.com/in/jancarloonce/>

Portfolio:
<https://jancarloonce.com/>

LANGUAGE

ENGLISH

WORK EXPERIENCE

ADACA

Australia
Jan 2024 - Present

Fullstack Developer

- Developed and optimized backend services with a focus on API development using FastAPI, Python, and Pydantic for enhanced data validation and serialization.
- Designed and implemented scalable cloud solutions on Microsoft Azure, including orchestrating workflows in Azure Service Bus for efficient messaging and task processing.
- Streamlined data handling and database operations on CosmosDB by leveraging Python and Pydantic models for seamless data integration, querying, and event processing.

ODYSSEY

California
Nov 2023 - Dec 2023

Machine Learning Data Engineer

- Developed robust data pipelines for seamless transfer of terabytes of data into Google Cloud Platform (GCP) buckets, enhancing data accessibility and management efficiency.
- Conducted rigorous data validation and media usability assessments to guarantee data integrity and readiness for advanced processing.

IBM

Quezon City
Feb 2019 - Aug 2023

Lead Application Developer

- Spearheaded the development and maintenance of Machine Learning predictive models in Python, driving data-driven decision-making.
- Ensured the integrity and performance of Hive tables and Hadoop assets through proactive maintenance and updates.
- Developed and optimized Nifi data flows and Kibana dashboards, enhancing data visualization and accessibility.
- Engineered Python batch jobs for efficient updates to feature engineering tables, streamlining data processing workflows.

ACCENTURE

Mandaluyong
May 2017 - Feb 2019

Associate Software Engineer (Fresh/Entry Level)

- Developed and maintained Python batch jobs for a robust search REST API, enhancing query testing to optimize top search results.
- Engineered configurable Python batch jobs for Elasticsearch index cleanups, ensuring data integrity per client requirements.
- Created a powerful search relevancy tool utilizing Natural Language Processing techniques to improve accuracy in search results.
- Designed and maintained a Sentiment Analysis model, transforming user feedback data into actionable insights.
- Built a proof-of-concept problem area classifier using Naive Bayes algorithm, paving the way for future AI integrations in our search engine.

PERSONAL DETAILS

Date of birth
20 Jan 1996

Nationality
Filipino

Marital status
Single

COURSES

AWS CLOUD
PRACTITIONER

MICROSOFT AZURE
FUNDAMENTAL

IBM COGNITIVE
PRACTITIONER

ACCENTURE BOOTCAMP
(MAY 2017)

SKILLS

DATA SCIENCE, BIG DATA, AI/ML
FRAMEWORKS AND TOOLKITS

SOURCE CONTROL

WEB TECHLOGIES/Frameworks/Toolkits

PROGRAMMING/Scripting Languages

DATABASES