Jecho Carlos

SENIOR AI SOFTWARE DEVELOPER

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Highly-opinionated individual. Practicality over complexity. Specializes in pointing out problems and crafting both time-critical and future-proof solutions, with over 9 years of experience developing and supporting software, making sure that stakeholders get what they need from both technical and business perspective.

EDUCATION

University of the Philippines Los Baños
Bachelor of Science in Computer Science

FEATURED SKILLS AND CERTIFICATIONS

- Generative AI, Context Engineering, AI-Augmented Coding
- AI Agents, Multi-agent frameworks
- Python3, NodeJS, Typescript, n8n
- SQL, NoSQL, Vector Databases, Graph Database
- AWS, Azure OpenAI
- Data Analytics
- Java, Groovy, Spring, Marklogic, XQuery/XSLT
- Project Management tools: Atlassian tools, Miro

All skills and certifications in my LinkedIn profile

PROJECTS

Gen AI CoE Services Ecosystem
- Azure OpenAI, AWS, NestJS via TS, FastAPI, SQL
- Led the vision, architecture, project management, and development

Lesson Planner Generation
- n8n, Azure OpenAI, WhatsApp + TurnIO, QDrant, FastAPI, SQL, AWS
- Educational content in, filled lesson planner PDF out

AI Software Monitoring and Evaluations
- n8n, FastAPI, RAGAS, AWS, Azure OpenAI, SQL

RAG Pipeline Asset
- n8n, Azure OpenAI, AWS Bedrock, QDrant, MS Copilot Studio + Office API, SQL

Tone of Voice - Editorial AI Tool
- n8n, Azure OpenAI, MS Copilot Studio + Office API, SQL

CUP&A AI Chat
- Python, Flask API, LangChain, Azure OpenAI, MongoDB, ChromaDB

Mantle - Negotiates Sales for Academic Contents
- worked as Technical Business Analyst creating well-defined tickets and covering PO tasks (Order Confirmation, Report Generation and its specifications, adhoc Python scripts with Excel reports)

AOP Platform
- developing and executing adhoc Python scripts for different stakeholders

PROFESSIONAL EXPERIENCE

Senior AI Software Developer
Cambridge University Press & Assessment
January 2025 - present
- Part of the AI Center of Excellence, the governing body for all AI initiatives and education for the whole company
- Focused on R&D, AI-powered solutions SDLC w/ architecture, governance, consultations, leading upskilling workshops

Technical Business Analyst
Cambridge University Press & Assessment
February 2024 - December 2024
- Creates and defines tasks and tickets for the development team with alignment to the business goals provided by the Product Owner
- Developing and executing Python scripts to be used for business intelligence efforts
- Part of Academic initiatives such as Solutions Architect Academy and Academic Chat AI (since 2023, primary back-end developer then technical business analyst)

Software Engineer
Cambridge University Press & Assessment
November 2022 - February 2024
- Provides back-end solutions, services, and support for the Academic Content team

Technical Customer Support Engineer
Finastra Philippines
January 2021 - August 2022
- Ensured client satisfaction and retention by providing responsive tech support and provided urgent technical assistance for clients especially for production issues.
- Collaborated with other teams and products for an end-to-end time-critical solutions for the client's issues.

Software Engineer
Misys/Finastra Philippines
September 2018 - January 2021
- Provided both functional and technical assistance to different teams, both juniors and seniors
- Conducted an on-site training for newcomers (Pune, Maharashtra, India; 2019) and provided customer case resolutions and on-site demos (Frankfurt, Germany; 2019)

Associate Software Engineer
Misys/Finastra Philippines
September 2016 - August 2018
- Studied the business flow of the trade finance, compliance, and related business functions and did maintenance of trade finance software: bug fixing, documentation correction, etc.