

Laurence Alec M. Burce

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Software Engineer with 2+ years of enterprise development experience at Oracle and recent hands-on experience in AI-driven automation initiatives supporting large-scale real estate and property management operations. Strong background in Oracle ERP, backend services, data pipelines, and internal tooling, with proven ability to translate business processes into scalable, automated systems. Experienced working cross-functionally with various teams and departments.

PROFESSIONAL EXPERIENCE

Maxx Potential

United States - Remote

AI & Automation Engineer II

May 2025 – Current

- Built a brand compliance validation platform using FastAPI and PostgreSQL that automatically reviews social media content for fair housing violations, branding standards, and accessibility issues.
- Designed and delivered multiple AI-powered internal tools for HHHunt business units, including HR, Marketing, and Operations, improving process efficiency, data accessibility, and decision-making.
- Built and maintained enterprise-grade chatbots and AI agents (e.g., HR knowledge assistants, marketing collateral selectors) using Copilot Studio, Power Platform, JavaScript, Python, and API-based integrations.
- Designed a test suite for evaluating AI chatbot accuracy, **reducing test runtime by over 90%** through concurrent processing.

Oracle

Makati City, Philippines

Associate Software Developer

September 2022 – March 2024

- Developed and maintained **RESTful APIs** using **Java** and **Spring Boot** for enterprise-level applications.
- Increased **automated test coverage to at least 80%**, ensuring code reliability and performance.
- Managed SaaS products leveraging **Java, SQL, JavaScript**, and tools like **GIT** and **Perforce**.
- Conducted **spike investigations** to identify scalable solutions for complex technical problems

Graduate Developer

March 2022 – September 2022

- Gained proficiency in **Oracle ERP** and **Oracle ADF** frameworks through intensive training programs.
- Resolved customer-related issues by analyzing **SQL databases** and **StackTraces**.
- Collaborated in **Agile Scrum teams** using **Jira** to track project progress and deliverables.
- Delivered key contributions to feature development and successful project rollouts.

Yousource Inc.

Makati City, Philippines

Software Engineer Intern

December 2021 – February 2022

- Designed and executed **QA automation tests**, ensuring optimal software quality.
- Documented testing procedures for seamless knowledge transfer and future references.
- Utilized **C++** and **Linux Bash** scripting for backend QA tasks.

EDUCATION

Mapua University

B.S. in Computer Engineering | Manila City, Philippines | Aug 2017 - Feb 2022

- Specializing in HP Unix Administration
- Academic Scholar

PROJECTS

Spring Social Media Blog API

- Designed backend services for a **micro-blogging application** using **Spring Boot** and **JDBC**.
- Implemented **user authentication APIs**, registration flows, and session management.
- Optimized database interactions with **JPARepositories** for scalable entity management.
- Ensured compliance with **Spring MVC standards** for error message handling.
- github.com/laurenceburce/laurenceburce-pep-spring-project

SKILLS

Languages: Java, SQL, Python, C/C++

Frontend Technologies: JavaScript, Typescript

Version Control: GIT, Perforce

Frameworks: Spring, Javalin, React, OracleADF

Operating Systems: Linux, Windows

APIs: JDBC, RESTful, FastAPI