Russ Delos Santos

github.com/rmdelossantos   linkedin.com/in/rmdelossantos

+639952366934   russmanilads@gmail.com

WORK EXPERIENCE

Software Technical Analyst

Manulife Philippines   **August 2020 - Present**

Developer of automation scripts for Manulife Canada's business processes
• Developed automation scripts using RPA tools and .NET for Manulife Canada's business units
• Improved SQL queries by eliminating bottlenecks in scripts
• Created and taught a training program on Python, JavaScript, C#/.NET for the Philippine segment
• Acted as Scrum Master and led Agile methodologies on a rotation basis within the team

Software Engineer   **February 2019 - June 2020**

Monstarlab Philippines

Developer of the company's robotic process automation (RPA) product called RAX Suite.
• Developed the natural language processing features using C#, PyTorch, & Flask
• Developed Windows and Web Automation functionalities of the product using C#/.NET
• Tested, refactored, and fixed existing bugs of the code
• Written technical documentations of the code

EDUCATION

BSc Electrical Engineering

University of the Philippines Los Baños   **June 2012 – December 2018**

• Undergraduate Thesis: Development of a Microcontroller-based Dynamic LED Lighting Matrix for
Basil *(Ocimum basilicum)* Cultivation
• Scholarship: DOST-SEI RA 7687 Undergraduate Scholarship

PERSONAL PROJECTS

Personal Portfolio   rmdelossantos.github.io

• A static personal website in GitHub Pages written using HTML5, Sass, and Bootstrap

Combined-Cycle Power Plant Output Predictive Algorithm

• A regression algorithm predicting the full capacity output of a combined cycle power plant using
temperature and relative humidity data
• The script is written in MATLAB and utilized a data set from UCI Machine Learning Repository

Payment Gateway API

• An API endpoint for credit card payments written in Python with Flask web service framework

NodeJS CRUD App

• A basic CRUD application written in NodeJS, Express, and MongoDB

SKILLS

• **Software:** (proficient) C++, C#, Python, Node.js, MATLAB, SQL, NoSQL ; (familiar) React.JS, PHP, Java
• **Development Tools:** Git (GitHub, GitLab, Bitbucket, Azure Repos), Jira, Confluence
• **Hardware:** (familiar) Embedded System Design