

JOULE LOUIS BUENCIDO

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joulelouis.github.io/my-portfolio/

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Biñan, Laguna

Skills Summary

Full Stack Web Development

- Front End Web Development: HTML5, CSS3, Bootstrap, JavaScript (including modern ES6 features), and React.js.
- Back End Development: Node.js, Express.js, MongoDB, Mongoose, Python Django, Object-Oriented Programming, REST API, Postman, MySQL, and PostgreSQL.
- Git Version Control: Managing local and web-based repositories, merging code, cloning code, and creating branches.

Python Programming

- Python Django Web Framework: Setting of Django models, template, and views (MTV) architecture, configuring URL routing, implementing user authentication and authorization, handling of static files uploads, etc.
- Graphic User Interface (GUI): Proficient in Turtle GUI and Tkinter and created applications such as Pomodoro App and Snake Game.
- Machine Learning: TensorFlow, Keras, Matplotlib, and NumPy.

C++ Programming

- Proficiency in C++ syntax: control structures, data types, functions, and object-oriented programming.
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Work Experience

Engineering Team Leader

Property Management Department, Rockwell Land Corp.

August 2022 – February 2023

- Created the console search engine API for the Rockwell Apps website (beta).
- Implemented the use of gray water for the use in the landscaping plants to provide sustainability for water, resulting in potable water saving by 20% monthly.
- Created and implemented equipment dashboard for the Building Systems such as Elevators, Water, Electrical, Fire Protection, and Fire Detection and Alarm (FDAS) and maintained the equipment to 96% - 99% availability.

Building Engineer

Property Management Department, Rockwell Land Corp.

May 2019 – July 2022

- Created and implemented automated forms (from hardcopy to software use) such as Incident report, aircon report, transmittals, inventory, etc.
 - Implemented building improvements such as wall and ceiling refurbishment of hallways and parking slot, installation of additional lightings for the garden hallways of the building, waterproofing of plant boxes, installation of pneumatic door closer for the trash chute doors.
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- Reviews unit Renovation for as-builts, key plans, mechanical plans, electrical and load schedules, structural, plumbing and sanitary, and architectural.

Education

Zuitt Web Developer Program (MERN Stack)
Main Course Package - Completed
February 6, 2023 – May 18, 2023

Zuitt Web Developer Program
Java Course Package - Completed
May 29, 2023 – July 16, 2023

BS in Mechanical Engineering
Mapua Institute of Technology, Intramuros, Manila
2012 – 2018

Project Experience

- Python Django: Developed a professional network website using the Django framework for the backend and HTML, CSS UI kits, and JavaScript for the frontend.
 - MERN Stack: Developed an e-commerce website using the MERN (MongoDB, Express.js, React.js, and Node.js) stack. Created REST APIs using Express.js (Node.js framework) for the backend to handle the user registration, user authentication, product management, and order/cart functionalities. Proficient in building responsive and intuitive user interface using React.js framework for consistent user experience. Skilled in utilizing MongoDB for users and products database management.
 - Project Portfolio: Created a static responsive portfolio website using HTML5, CSS3, and Bootstrap, and JavaScript hosted on GitHub.
 - Machine Learning for Image Processing: Created a program for cacao beans sorter prototype achieving 96 to 100 percent reading accuracy.
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