

# JOULE LOUIS BUENCIDO

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## Skills Summary

### Full Stack Web Development

- Front End Web Development: HTML5, CSS3, Bootstrap, and JavaScript (including modern ES6 features), and React.js.
- Back End Development: Node.js, Express.js, MongoDB, Mongoose, RESTful API, 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

- Object Oriented Programming: Setting of Django models, template, and views (MTV) architecture that uses classes (superclass and meta class) and inheritance.
  - 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.
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## Work Experience

### Engineering Team Leader

Property Management Department, Rockwell Land Corp.  
August 2022 – February 2023

- Created the 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.
  - Reviews unit Renovation for as-builts, key plans, mechanical plans, electrical and load schedules, structural, plumbing and sanitary, and architectural.
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## 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

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## Project Experience

- Python Django: Developed a professional network website using the Django framework and JavaScript.
  - 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 hosted on GitHub.
  - Machine Learning for Image Processing: Created a Sequential API for cacao beans sorter prototype achieving 96 to 100 percent reading accuracy.
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## Additional Skills

### Project Management

- Lead and supervised minor and major projects in Edades Rockwell to achieve target completion and client satisfaction.
- Communicating with the clients to give updates of progress and outcomes, and the manpower to give directions to achieve the project goals.
- Identify and address the problems of the clients in their property.