

# John Uby C. Solinap

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## PYTHON PROJECTS

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### Task Meister

- A very straightforward and easy-to-use task manager website. User functionality like login, logout, register, and change password was managed through Flask-login library.
- Utilized SQLAlchemy library to set up relationships that will connect tasks to their equivalent users.
- Python Flask for the framework, HTML/CSS for the front-end, SQLite for the task, and user database.

### King Lyrics

- Search engine website to find the lyrics of any song online. The main function was made possible by using the Requests library to initiate an HTTP request for the needed API.
- Relied on Musixmatch API for its system that fits the project's outcome and for its large database of song lyrics.
- Python Flask for the framework, HTML/CSS for the front-end, and Musixmatch developer for the API.

### London's Aesthetic Cafés

- Shows a list of available cafes and their key information around London. Each cafe's location is also embedded in its respective pages for convenience.
- The users can also suggest a cafe if they know one around London that is not currently on the list.
- Python Flask for the framework, HTML/CSS for the front end, SQLite for the cafe database, and Google My Maps for the cafe locations.

### Filipino Finest - Online Restaurant

- An e-commerce website and restaurant type that displays its products in this case, Filipino foods, and allows the user to order online. The website also has user functionality and a database of available foods.
- Once the order is finalized, the customers will input their card details then Stripe API will handle the transaction of payment.
- Python Flask for the framework, HTML/CSS for the front-end, SQLite for the menu database, and Stripe API for the payment session.

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## JAVASCRIPT PROJECTS

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### Gamer's Savepoint

- A user-friendly static web application targeting gamers to save their progress in games. Implemented a search functionality allowing users to find their desired games easily.
- Enabled users to input the platform, status, and playtime hours for each game entry and designed an intuitive interface to display and manage users' personalized game libraries.
- Implemented MVC for the project's architecture and utilized RAWG API for the games database.

### Quotes of Yore

- Created and developed an interactive web application featuring a Random Quote Generator, offering users the ability to explore various philosophies and receive thought-provoking quotes tailored to their selected philosophy.
- Implemented an intuitive user interface with dynamic philosophy selection, allowing users to effortlessly choose from a range of philosophies and receive relevant quotes from renowned philosophers.
- Utilized various APIs for wide selection of philosophy quotes along with their respective authors.

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## SKILLS

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- Programming Languages | Python • Javascript
- Frontend Development | HTML • CSS • Bootstrap
- Backend Development | Flask
- Database | SQLite • PostgreSQL
- Miscellaneous | Git • Github • Netlify • Heroku • Microsoft Office • Windows

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## EDUCATION

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**Bachelor of Science in Computer Engineering,**  
*University of the East, Caloocan*

2014 – 2019 | Caloocan City, Philippines

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## COURSES

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**The Complete JavaScript Course 2023: From Zero to Expert!,**  
*Udemy.com* 

2023

**The Complete SQL Bootcamp: Go from Zero to Hero,**  
*Udemy.com* 

2023

**The Complete Data Structures and Algorithms Course in Python,** *Udemy.com* 

2023

**100 Days of Code: The Complete Python Pro Bootcamp,**  
*Udemy.com* 

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