

# JOHN RAFAEL P. MASILUNGAN

COMPUTER SCIENCE GRADUATE

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## SKILLS

- **Languages:** C++, PHP, Javascript
  - **Framework:** Bootstrap, Laravel
  - **Technology:** MySQL, API
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## PROJECT/S

### AUXILIUM

A profiling, recording, and SMS System for disaster preparedness

**Github:** <https://github.com/johannus22/auxilium>

*Role: Backend Developer*

*Languages: PHP*

*Technologies: MySQL, API Integration*

- A system for profiling the population of Candelaria, Quezon clustered into different barangays
- Records disaster logs to for references
- Integrated the API s to facilitate SMS communication for alerts and updates for disaster response.

### Key Achievements:

- Improved the data processing efficiently through implementing caching strategies by query caching for faster and more efficient data management.
  - Contributed to a more effective disaster preparedness solution, leading to improved data accuracy.
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## EDUCATION

### MANUEL S. ENVERGA UNIVERSITY FOUNDATION - CANDELARIA INC

*Bachelor of Science in Computer Science*

*2020-2024*