Mark Lester Ghany

Automation Developer
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Summary

I am an enthusiastic software developer, currently working for a financial institution, seeking for a dynamic, challenging, and collaborative working environment that would help improve my skills and capabilities as an IT professional.

Work Experience

Executive – Tools and Automation Development
Macquarie Group Limited, August 2012 - Present

- Primarily responsible for the analysis, design, development, and maintenance of solutions that aimed to reduce costs and manual effort performed by different operational teams in delivering bank-wide services.
- Tasks include the development of web-based forms to dynamically retrieve information from the customers, integration with the IT ticketing platform, and end-to-end orchestration of the delivery process.
- Serves as the level three support for incidents and problems encountered in the production environment and performs end-to-end coordination of change deployments.
- Other responsibilities include documentation, knowledge transfers, and identification of automation opportunities.

Educational Background

University of the Philippines
Bachelor of Science in Computer Science - Statistical Computing Track, 2008-2012

- **General Weighted Average**: 1.83 (Highest: 1)
- Consistent University and College Scholar
- Outstanding Thesis Awardee - "Visualization of Multivariate Health Data Using Self-Organizing Maps"

Skills and Qualifications

Technical Skills

- Knowledgeable in several fundamental computer science concepts including data structures, algorithm analysis, computability and automata theory.
- Experienced in web programming languages (HTML, CSS, JavaScript) and server side scripting languages (Perl, PHP).
- Proficient in Object-Oriented Programming languages particularly Java, C++, and Object-Oriented PHP.
- Competent with several other programming languages including C, Prolog, Lisp, and Assembly.
- Skilled in Database Design, Management, and the use of Structured Query Languages (SQL).

Languages

- Filipino – Native Proficiency - Able to translate to and from other languages.
- English - Full Professional Proficiency - Able to consistently use the language in day to day conversations in both casual and professional setting.
- Japanese - Familiarity (Currently Studying) - Compose very basic sentences and recognize hiragana and katakana but with limited knowledge on Kanji and vocabulary.

Key Accomplishments

- **ITIL® Foundation Certificate in IT Service Management**
  PEOPLECERT, GR750070282MG
  - Attained a perfect score for the certification exam.

- For **Visualization of Multivariate Health Data Using Self-Organizing Maps**
  - Awarded as **Outstanding Thesis** by the University of the Philippines.
  - Published in the Proceedings of the 14th WSEAS International Conference on Mathematical Methods, Computational Techniques and Intelligent Systems (MAMECTIS '12 - Porto, Portugal)

- Multiple Recognitions from the Software Services Leadership Team (Macquarie Group)
  - Consistently obtained high quality score and flawless implementation in assigned projects.
  - Spearheaded the Code Optimization initiative to reduce the number of production defects attributed to unnecessary sharing of codes between different services. Upon completion of the initiative, production code was 93% optimized and number of defects were reduced from monthly average of 4 to 0.
  - Led an initiative to simplify the change deployment process for the team that enabled "weekday" releases to production and paved way for an agile approach in development.
  - Worked on resolving multiple long running production problems and eliminated 40 hours of manual effort performed by the Operations Team.

Projects

Zero Touch Provisioning

- A project designed to automate the provisioning of servers. ZTP reduced the time of delivery of servers from 5-7 days to 1-2 days on average. Currently involved in the maintenance of the service and ensuring that all incidents and problems in production are addressed.

Automated Account Provisioning

- A project aimed at automating the provisioning and revocation of privileged access to different servers. Previously worked on improving the performance of the service and currently working on the migration of the service to a newer platform to address potential risks and an increase in maintenance costs.

SOM Visualize

- A system developed as part of the thesis requirement in the university. The program was developed using Java and takes multivariate data as an input. The program was designed to apply concepts of the self-organizing map to potentially uncover trends that exist in large datasets.

*References are available upon request