Julio Lopez

Full–Stack Senior Software Engineer

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Nationality: **Filipino**

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Age: **27**

Gender: **Male**

Marital Status: **Single**

Profile Summary

Seasoned Full-Stack Software Engineer with 9+ years of experience in Web, Android, API Integration, Desktop application development, and Data Analytics. Skilled in database management, including MS SQL Server, MySQL, PostgreSQL, and Oracle, with 7+ years managing SQL databases with replication to enhance data integrity and redundancy. Proven success in delivering quality solutions for local and international enterprises.

Currently based in the Philippines. Available to relocate to any country immediately if necessary.

Work Experience

Head, Software Development, Management, and R&D

Jan 2024 - Present

Bohol I Electric Cooperative, Inc. - Bohol, PH • Fulltime

- Oversee ongoing developments in digitization and digitalization initiatives.
- Maintain and support implemented applications to ensure seamless operation.
- Incorporate new technologies like artificial intelligence (AI) and machine learning (ML).
- Utilize automation to enhance the productivity and efficiency of the company's workforce.

Senior Software Engineer

Jul 2018 - Dec 2023

Bohol I Electric Cooperative, Inc. - Bohol, PH • Fulltime

- Digital Transformation Leadership
  - Led digitization efforts, integrating AI and ML for automation and workforce efficiency.
  - Maintained and upgraded applications to support evolving business needs.
- Multi-Platform Application Deployment
  - Delivered desktop, web, and mobile applications to reduce manual work.
  - Developed APIs for real-time integration with payment and banking systems, minimizing errors.
- Backend Infrastructure Development
  - Built and fortified backend systems using MS SQL and Python.
  - Implemented real-time replication across all servers for enhanced reliability and performance.
- Business and Technical Analysis
  - Analyzed business and technical aspects to align strategies with long-term goals.
- Key Projects
  - CRM with mobile apps for linemen and meter readers.
  - Mobile apps for inspectors and employees.
  - HR and payroll systems with biometric API integration.
  - Automated email and SMS services for customer billing and updates.

Programmer

May 2017 - Jul 2018

Bohol I Electric Cooperative, Inc. - Bohol, PH • Fulltime

- Transitioned the company from manual processes to a fully digitalized system.
- Addressed and modernized workflows that were previously handled manually.
- Planned and constructed the company's long-term software and database strategy.
- Continuously oversaw and updated the digital plan to meet evolving needs.

Support Software Engineer

July 2022 - Oct 2023

Scaler - USA • Part-time (Remote)

- Ensured the online platform was always operational, minimizing downtime and interruptions.
- Provided continuous support to address any technical issues, ensuring platform accessibility around the clock.
- Quickly identified and resolved technical problems to maintain seamless user experience.
- Worked with cross-functional teams to improve platform stability and prevent future issues.
- Provided regular updates to stakeholders on system status and incidents.

Automation Specialist

Trends Technologies - Poland • Freelance (Remote)

Jun 2023 - Dec 2023

- Provided automation solutions to the company's existing CRM (Monday.com), using mostly Make.com (Integromat)
- Created local API to cater to the automation requirements, especially for the local spreadsheet files that must be integrated into the cloud.
- Set up an emailing system that uses the current company's domain, and integrates it with Make.com as the SMTP component for the mailing services.
- Ensure the continuous operation of the automated tasks to provide seamless communication and transaction to clients and employees alike

Data Analyst

Fintech - Florida, USA • Part-time (Remote)

May 2021 - Apr 2022

- Analyzed sales data to identify trends and project future sales using PowerBI and Python.
- Utilized data insights to optimize sales strategies and monitor key performance metrics.
- Developed accurate sales forecasts and projections using Python-based models.
- Collaborated with teams to implement data-driven strategies and created reports and dashboards in PowerBI for decision-making.

Lead Software Engineer

Just Click Integrated Solutions - Cebu City, PH • Part-time (Hybrid)

Jan 2020 - May 2024

- Prioritized client needs by planning, designing, development, testing, and implementation.
- Collaborated closely with clients to ensure their requirements were fully understood and delivered effectively.
- Guided multiple software development teams to deliver high-quality solutions that meet client expectations.
- Ensured projects stayed on schedule and aligned with client goals and priorities.

Senior Software Engineer

Hashed.IT Solutions - Cebu City, PH • Part-time

Mar 2018 - Present

- Owner and Senior Software Engineer, responsible for delivering fast, reliable, and modern software solutions.
- Tailored custom solutions to meet the specific needs of clients, primarily private schools and government utilities.
- Provided innovative solutions to automate and eliminate labor-intensive, manual processes.
- Utilized cloud solutions like AWS to streamline and modularize processes for easier distribution and scalability.

Software Support Engineer

DP World Logistics - Sydney, NSW, Australia • Contract (Remote)

Nov 2018 - Oct 2021

- Ensure the continuous operation of logistics software systems by monitoring performance, identifying issues, and applying timely patches or updates to prevent downtime.
- Diagnose and resolve software-related issues reported by users, such as integration failures, system errors, or functionality bugs, while maintaining detailed documentation of resolutions.
- Assist in integrating third-party tools and APIs into the existing logistics software ecosystem, ensuring seamless communication between systems and troubleshooting any compatibility issues.
- Provide training and support to end-users on software features and best practices, and maintain up-to-date technical documentation and knowledge bases for reference.

Web Developer

Brotherhobby • Freelance (Remote)

Aug 2017 - Jan 2018

- Developed a website that seamlessly integrates with Shopify for smooth online transactions.
- Implemented e-commerce features to ensure a streamlined shopping experience for customers.
- Ensured full integration with Shopify, enabling secure and efficient online payments.
- Focused on creating an intuitive and user-friendly interface to enhance customer engagement and satisfaction.
- Conducted thorough testing to ensure platform stability and optimized performance for high traffic.

Web Developer

Shekou Development Incorporated • Freelance (Remote)

Feb 2016 - Oct 2017

- Developed and deployed a promotional website for the company
- Maintained and added several features for the site from time to time.

Sample Projects

- https://boheco1.com
- https://brandetize.netlify.app

Local project samples are available upon request

Skills

Software Development
- Web Development and Design
  - JavaScript,
  - PHP
  - ASP.net
  - CSS
  - Libraries and Frameworks
  - Laravel
  - WordPress
  - React.js
  - Node.js
  - Vue.js
- Mobile Development
  - Flutter/Dart
  - React Native
  - Java, or Kotlin
- Desktop Application Development
  - Java
  - C#
  - Visual Basic
- Machine Learning
  - Python
  - OpenCV (JavaCV)
  - Llama
  - Tensorflow
- AWS Cloud Services

Backend
- SQL Management with Replication
- API Integration and Development

Data Engineering and Analytics
- Database Management
  - MS SQL
  - PostgreSQL
  - MongoDB
  - MySQL
- Power BI
- Python

Extra-curricular Skills
- 3D Modeling
  - Blender, ZBrush
- 3D Animation
  - Maya, Blender
- Texturing
  - Blender Substance Painter
- CGI and Visual Effects
  - Houdini, Cinema4D, Adobe After Effects
- Graphic Design
  - Adobe Photoshop, Adobe Illustrator

Education

Mater Dei College | Bohol, Philippines
Bachelor of Science in Information Technology
June 2013 - Apr 2017

Other Information

- Languages:
  - English (Fluent)
  - Cebuano (Native)
- Notice Period: 1 Month
- References available upon request