

# Madzmar Ullang

Senior Software Engineer | Full-Stack PHP & Python Developer

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## Summary

Results-driven Senior Software Engineer with 15+ years of experience specializing in designing, developing, and maintaining scalable web applications. Proven expertise in PHP, Python, and Golang, with a strong track record of delivering high-quality software solutions that drive business growth. Adept at leading technical teams, building RESTful APIs, and optimizing application performance in high-traffic environments.

## Technical Arsenal

- Languages: PHP (Senior Level), Python, Golang, SQL, NoSQL, C#.
- Frameworks & Platforms: Laravel, Symfony, Flask, Drupal 9/10, Magento.
- JS Library: VueJS, ReactJS, NuxtJS, JQuery, TypeScript.
- Infrastructure: AWS, Azure, Docker, Linux, GitLab CI/CD.
- Architecture: Microservices, N-Tier Database Design, RESTful API Design.

## Professional Experience

### CoolPixel (TheConstantMedia Client) | Senior Software Developer

January 2019 – Present

- Autonomous Engineering: Independently led the development, maintenance, and performance optimization of multiple high-availability web applications.
- System Transformation: Dramatically improved company growth by identifying technical gaps and coding new process flows and RESTful APIs from scratch.
- Platform Modernization: Spearheaded performance-driven enhancements for Magento and Drupal 9/10, optimizing user experience and conversion rates.
- Technical Consultancy: Acted as a key advisor to stakeholders, proposing and executing architectural improvements for complex client platforms.

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### US Autoparts | Senior Software Developer

May 2018 – December 2019

- High-Traffic Concurrency: Engineered highly scalable microservices using Golang to handle heavy-traffic enterprise loads and reduce service dependencies.
- Runtime Optimization: Refactored legacy modules to resolve critical bottlenecks, significantly improving application performance and hardware compatibility.
- System Recovery: Diagnosed and resolved deep-seated architectural bugs within proprietary applications to restore system integrity.

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### STORM Technologies, Inc. | Senior Team Lead & Python Developer

July 2017 – May 2018

- Architectural Leadership: Served as Senior Lead, designing the core structure of scalable web applications using Python and Flask.
  - Traffic Management: Built and deployed fault-tolerant, modular products specifically designed to handle heavy traffic and high-concurrency environments.
  - Strategic Planning: Evaluated competing software architectures to inform migrations and authored comprehensive design documentation for the engineering team.
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## **Incube8**

Senior PHP Developer | Metro Manila

December 2016 – March 2017

- Developed custom integration programs to ensure seamless compatibility between proprietary systems and third-party software products.
  - Collaborated with systems partners to finalize technical designs and validate functional requirements prior to implementation.
  - Provided ongoing maintenance and delivered targeted bug fixes and patch sets for existing web applications, minimizing production downtime.
  - Ensured system reliability and data integrity through scheduled preventative maintenance routines and timely infrastructure upgrades.
  - Enforced company-wide technical standards, security policies, and data governance procedures to protect system and report integrity.
  - Formulated a strategic roadmap for component development practices, laying the groundwork for sustainable future project delivery.
  - Built, rigorously tested, and deployed scalable, high-availability software products meeting production quality benchmarks.
  - Executed regression and system-level testing cycles to validate software quality and confirm functional correctness prior to release.
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## **Yondu, Inc.** | Senior PHP Developer

October 2014 – November 2016

- **Key Achievement:** Independently re-developed and managed the GCash application, building the platform from the ground up using Laravel.
  - **System Integration:** Engineered seamless bridges between internal systems and third-party software platforms to expand service capabilities.
  - **Standards Advocacy:** Championed the adoption of object-oriented methodologies and N-tier database design patterns across the organization.
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## **7th Media Digital Studios Inc.**

Web Developer | Metro Manila

March 2014 – October 2014

- Designed and built three robust web-based software applications, covering both frontend interfaces and backend business logic.
  - Architected PHP-based multi-threaded admin web applications, enabling efficient management of concurrent processes and administrative workflows.
  - Designed and structured relational databases following N-tier architecture principles, ensuring scalable data management and clean separation of concerns.
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## **Klab Cyscorpions** | Team Lead & Software Developer

October 2012 – March 2014

- **Dual-Role Leadership:** Managed cross-functional teams of both Frontend and Backend developers while contributing as a primary coder.
  - **Gaming Infrastructure:** Developed high-performance backend modules for gaming applications using PHP (Symfony) and Python.
  - **Rapid Prototyping:** Led the technical validation of new features through rapid prototyping, ensuring feasibility before full-scale production.
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## **Skycable**

PHP Web Programmer | Metro Manila

March 2012 – October 2012

- Developed custom integration programs to ensure seamless interoperability between in-house systems and third-party software products.
  - Engaged with systems partners to align on technical designs and confirm functional requirements prior to development.
  - Updated and refactored existing software to correct errors, modernize interfaces, and enhance overall application performance.
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## **PayMeICafe**

**Junior PHP Developer** | Metro Manila

May 2011 – March 2012

- Maintained and enhanced web applications through regular bug fix releases and patch updates, ensuring consistent product stability.
- Developed company websites from the ground up using PHP, owning the full development lifecycle from initial design through deployment.
- Developed a C# desktop application module, contributing to the completion of a cross-platform business tool and expanding technical versatility.

## **Web Developed**

<https://www.goodgifts.org/>

<https://glenfiddich.com>

<https://gordonandmacphail.com>

<https://www.sailorjerry.com/>

<https://williamgrant.com/>

<https://tullamoredew.com/>

<https://www.drambuie.com/>

<https://www.drambuie.com/>

<https://propms.dmi-sds.com/> (under development)

<https://glending.dmi-sds.com/> (under development)

## **Education**

### **STI College Zamboanga City**

Bachelor's Degree in Computer Science

Graduated March 2009

### **Zamboanga City Polytechnic State College**

High School Graduate

Graduated March 2000