

# Melchor D. Bungalso

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## OBJECTIVE

Having served as a NodeJS developer within a remote work arrangement for over 7 years, I am now dedicated to securing a role that not only aligns with my preference for a work-from-home setup but also empowers me to advance my software engineering skills progressively.

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## JOB HISTORY AND WORK EXPERIENCES

### Javascript Software Developer

Nityo Infotech Service Philippines, Inc. — Metrobank · June 2024 – Present

Hired by Nityo Infotech Services Philippines, Inc. as Full stack Javascript Software Developer to work for Metrobank project.

- Work on one of the service application provide by Metrobank – mainly working on different backend micro services (API, NodeJS, Typescript, Mocha, Chai, Loopback 4)
- Started and led the Code Review process implementation – set best practices and coding standards (Main Code Reviewer).
- Started, led and set standard for Unit Testing implementation.
- Created a solution for local development login process and authentication flow by creating a web browser plugin.
- Introduced to the team the use of terminal and script to automate repeatable process.
- Created solution for extendable JIRA Report excel file creation using NodeJS script.
- Created POCs for different local developer tools and scripts (Mock APIs, etc.).

### Senior Software Engineer - Backend Software Engineer

Curo Teknika, Inc. — Maya Philippines · March 2021 – June 2023 (WFH Setup)

Hired by Curo Teknika, Inc. as Senior Software Engineer to work on as a Backend Software Engineer at PayMaya Philippines.

- Work on different Payment Processor Services (API, NodeJS, Typescript, NestJS, Mocha, Chai, Jest)
- Work on different Internal Services (API, NodeJS, SailsJS, Mocha, Chai)
- Update Payments Web (ReactJS – very seldom)
- Design a solution for downtime notifications

### Freelance Website and Mobile Application Developer

Full stack Software Engineer · October 2020 – March 2021 (WFH Setup)

- Install MSSQL 2019 in an EC2 server (AWS).
- Update client-side data polling to reduce server requests by implementing a web-socket approach (AngularJS 1.7, AWS).
- Update website and add some functionality client side in a portal built form (AngularJS 1.7).
- Create different websites (Gatsby, ReactJS, AWS)

- Create scrapers using NodeJS and present the scraped data in a website to be used only by the company for validation purposes. (NodeJS, AWS, MongoDB, MSSQL, Atlas)
- Create different AWS lambda functions as requested by clients.
- Work on personal projects (Gatsby, NodeJS, ExpressJS, AWS, GoogleAPIs, etc..)
- Maintain some of the old projects that I've done for some previous clients

### **Senior Web and Mobile Application Developer**

KDC Software Solutions · October 2019 – October 2020 (WFH Setup)

- Exposure unit tests (Jest)
- Exposure DevOps and introduced to DevSecOps practice
- Exposure to Docker
- Work with a colleague to maintain and update the company internal system and website. (ExpressJS, NodeJS, AWS, MongoDB, Redis)
- Work with a colleague to create CMS for a company. (ExpressJS, AWS, ReactJS)
- Work with a colleague to create a system used internally by a company to manage POS clients (ReactAdmin, ReactJS, AWS, MongoDB)
- Work with a colleague to create a restaurant ordering app that connect to company owned API (ReactNative, SQLite, Redis)
- Work with a colleague to create a restaurant ordering app that connect to company owned API (ReactNative, Redis)

### **Junior Web and Mobile Application Developer**

Fynd Ltd. · April 2016 – October 2019 (WFH Setup)

- Start using MAC for development.
- Work with a team to maintain and update website where customer can book an appointment for phone repairs (Hexo, Grunt, AWS, Python and Bash scripting)
- Work with a team to maintain and update apps for employees and admins to handle phone repair appointments (MeteorJS, AWS, Twilio, Xero, etc.)
- Work with a team to create customer app (React Native, AWS)
- Create different scripts to automate different routine tasks. (NodeJS, Python and Bash scripting)

### **Junior Web and Mobile Application Developer**

Kayweb Websites and Applications Solution · July 2014 – February 2016

- Use Linux (Fedora) for development.
- Create different websites using the company owned CMS. (PHP, MySQL)
- Create an Alcohol Auction website. (MeteorJS, MongoDB, AWS)
- Maintain and update an online Poker website. (NodeJS, MongoDB, AWS)

### **Junior Application Developer**

Linkstar – Bugweis Ltd. (currently Argo22) · August 2012 – June 2014

- Start using Linux (Ubuntu) for development.
- Work with a team to create a website that was used internally in the company that shows employee information, performance, quotas and current status; other reports. (Zend Framework, PHP, MySQL).
- Work with a team to create a scraper of different groupon/deal websites. (Python, MySQL)

- Work with a team to create a website for the presentation of scraped product information to possible customers; and for admin to manage, validate and check correctness of scraped information (Zend Framework, PHP, MySQL, JS, HTML, CSS).

## Web Developer

Managed Uptime Service Inc. · Dec 2008 – July 2012

- Create a simple alert system that reads, collects and parses company emails, then creates email alerts depending on the urgency of the email content. This system was used by the monitoring team in our company (Drupal – PHP).
- Create a simple login / logout and work log system using Drupal (Drupal – PHP).
- Modify some themes and modules in some company owned websites based on the client needs. (Wordpress, Joomla - PHP)
- Create a module that gives customers the ability to customize product images (add texts, dedications and image clips) in one of the company owned websites (Magento – PHP).
- Create a customer requested website using the Netsuite system. (Netsuite)
- Experience to work on a website using JSP as a support to our Java developer. (JSP)
- Also work as a member of the Monitoring/Technician team, a team that is responsible for network and computer maintenance in the company premise.

## HTML Campaign Officer

Managed Uptime Services Inc. · Jun 2007 – Dec 2008

## EDUCATION

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### Polytechnic University of the Philippines

Bachelor of Science in Computer Science · S.Y. 2006–2007

**College Organization:** DOST-SEI Scholars of PUP; KATAGA (Kapatiran ng Talino at Galing) Group of Scholar (PUP, Manila)

## CERTIFICATION

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### Philippines Civil Service Professional Eligibility (2024)

|                   |       |
|-------------------|-------|
| General Rating    | 93.77 |
| Verbal (30%)      | 92.63 |
| Analytical (35%)  | 95.56 |
| Numerical (30%)   | 94.44 |
| General Info (5%) | 84.00 |