

# Rachelle Ann Morales Flamenio

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## SUMMARY

Experienced Software Engineer with 10 years of expertise in software development and programming, including PHP, NodeJs, ReactJs, Jest, Scrum, and SQL. Proven record of successful project implementations and product launches. Applying for a Senior Software Engineer position to utilize my skills and experience to develop innovative software solutions.

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## EXPERIENCE

### Software Engineer

Track24

May 2019 - March 2023, Dubai, UAE

- Wrote several AWS Lambda functions (Nodejs) for real-time processing of data to serve web and mobile applications
- Maintain, improve and add new features to the backend service which are built from Symfony
- Improved code coverage and code performance by integrating Jest framework for writing unit test in both ReactJs application and NodeJS lambda functions
- Developed reusable components and integrate websockets in the location intelligence platform which is built in ReactJs
- Converted design systems from figma to code, which resulted in a maintainable, reusable, and extensible codebase
- Maintain, improve and add new features to the in-house billing system built in Laravel. a) Xero API and webhook integration for increased automation and b) Built data visualizations reports in billing platform to help in data analysis and optimization
- Maintain, improve and add new features to an existing tracking system built in NodeJs
- Collaborated with team to build and deliver a location-intelligence application using Agile SCRUM methodologies (SPRINT planning, execution, review, and retrospective)

### Software Engineer

ekar

June 2018 - April 2019, Dubai, UAE

- Designed and developed RESTful web services using PHP(Laravel and Lumen) to interact with AWS Services such as Pinpoint, SES, SNS and Mailchimp
- Designed and developed a RESTful microservice to interact with third party API
- Created APIs in a Laravel web service to cater mobile and desktop platform
- Built an in-house web platform using Laravel framework
- Improved productivity by reducing report creation time, by automating the report generation process using Data Studio
- Use Github for version control

### Software Engineer

Souqalmal.com

April 2016 - May 2018, Dubai, UAE

- Reduced the average time required to build new pages by developing a custom widget framework that uses Backbone models, Marionette views, Swig for templating, SCSS, and JQuery
- Built RESTful web services using PHP(Laravel and Silex)
- Built interactive website pages, custom modules, blocks and custom field types in Drupal 8 to meet the needs of the business, including support for site administrators and editors
- Enhanced two different applications to improve business process: a) The front-end which is an Angular JS single page application and b) the back-end which is a Node JS application.
- Maintain and enhance CRM web-based application which is built in Symfony
- Use Github for version control
- Use Google Tag Manager to deploy and manage tags such as pixels and javascript snippet depending on the specific page events and track metrics such as revenue and conversions
- Improved the company's email template by converting the design into an email template in Mailchimp

### Software Engineer

## **Yondu IT Solutions**

**September 2014 – January 2016, Taguig City, PH**

- As a team leader, participated in client review meetings for the collection, documentation and review of the users' requirements, development of user stories, prioritization, estimates and plans of the projects.
- Designed relational database schema to support a web application by creating multiple tables and defining relationships between them.
- Developed web-based applications with Laravel 5.1, CodeIgniter 3 and Zend2 to meet the requirements of 3 projects
- Build the CMS and web services (REST API) using PHP for mobile application,
- Successfully implemented Mandrill API to send transactional email to over 1,000 users and tracked email open rate
- Implemented modern client-side technologies(HTML5,CSS3,Javascript and popular javascript libraries like CKEditor, HighCharts and Datatables) to improved user experience
- Designed relational database schema and modeled data using MySQL.

## **Software Engineer**

**Ideawurx Inc.**

**April 2013 – September 2014, Makati City, PH**

- Developed web-based applications using CakePHP framework
- Participated in the overall process of development such as planning, analysis, design, implementation and maintenance
- Build web-based mapping tool using Google Maps API to plot the accurate range and reach of given network type
- Build a web service(REST API) using Java for a web-based application that uses Hadoop HBase as database
- Used and research popular javascript libraries that cater application features
- Developed responsive web-based application using Bootstrap
- Performed testing of the code and performs integration level testing with other features in the system
- Collaborated cooperatively and supportively within a programming team environment
- Led and participated in a daily scrum

## **Web Developer**

**SEOP**

**November 2012 – March 2013, Makati City, PH**

- Converts design to code(PSD to HTML)
- Build backend-enabled site using Wordpress
- Implemented content upload, web changes and development changes

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## **EDUCATION**

### **Bachelor of Science in Information Technology**

STI College • Bulacan, Philippines • 2012

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## **SKILLS**

**Backend:** NodeJS, PHP (Symfony, Laravel, Lumen, CodeIgniter, CakePHP, Zend2), Javascript frameworks, ExpressJs, Typescript

**Front-end:** React JS, Angular JS, Blade Templating, Map Tools (Google Maps, Mapbox), Redux, Axios

**Test:** Jest, PHPUnit

**Databases:** MySQL, PostgreSQL, MongoDB

**CMS:** Wordpress, Drupal

**SEO:** Google Tag Manager, Google Analytics, Mixpanel

**AWS:** Lambda, S3, EC2, SNS