



# PATRICK JAMES LEE GONZAGA

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## CAREER OVERVIEW

A results-driven software engineer and team lead with over 15 years of hands-on experience in the full Software Development Life Cycle, from design through implementation. Proven expertise in designing and implementing complex solutions, devising and executing iterative processes, and driving end-to-end change management. A skilled problem solver with a strong focus on delivering high-quality, scalable solutions that meet business needs.

## CORE SKILLS

### SAP (SYSTEMS, APPLICATIONS &

**PRODUCTS):** Material Management (MM), BOM, Routing, Production Planning (PP), CO (Controlling) Modules and ABAP Development.

**PROGRAMMING / SCRIPTING:** VB.NET, C#, ASP.Net, HTML5, CSS3, JavaScript and PHP.

**DATABASE:** Microsoft Access, Microsoft SQL Server, Oracle, Postgre, MongoDB, and MySQL.

**BUSINESS INTELLIGENCE:** TIBCO Spotfire

**VERSION CONTROL:** Github

**PROJECT MANAGEMENT TOOLS:** ClickUp, Jira, Confluence, Slack

## PROFESSIONAL EXPERIENCES

**EMAPTA** – Bank Tower 8751 Paseo de Roxas

2021 – PRESENT

### NET Developer

2021 – 2023

Client: Optima Technology AU (Formerly known as BillIdentity / BidEnergy)

Website: <https://www.optimatech.io>

- Worked in an Agile team of .NET developers from all across the globe for a fast-paced software development.
- Collaborated in the development of a highly scalable web application architecture utilizing AWS S3 and SQS for efficient and reliable storage and messaging solutions.
- Responsible for the design, development, refactoring, and maintenance of the Optimatech application implementing efficient and reliable best software practices.
- Brainstorm in code review sessions enforcing coding standards and maintainability, resulting in a 20% increase in overall code quality.
- Created and maintained top-notch functional and technical documentation using Confluence, resulting in a remarkable 50% improvement in knowledge sharing and software development and troubleshooting efficiency.
- Successfully deployed code to Test, UAT and production environments using Buildkite, ensuring minimal downtime and efficient releases.
- Oversaw the accuracy of meter data, ensuring a 99% data quality rate. Investigated and troubleshoot any data import issues to ensure that data was correctly captured and processed.

**Renesas Semiconductor KL SDN BHD** – Kuala Langat, Malaysia

2010 - 2021

### Senior Engineer

- Ensures Main Manufacturing Execution System (MES) has an uptime of 99%.
- Performed system level cost analysis for decision making.
- Engineered software solutions by studying information needs in production floor; conferring with users; studying systems flow, investigating problem areas; following the software development lifecycle with which had yielded an increased in productivity by 75%, over 1M+ MYR time saving benefits and implement "POKA-YOKE" (Japanese term that means "mistake-proofing" or "inadvertent error prevention").
- Efficiently multi-tasked and administered over 100 servers running in physical, VMWare and Hyper V, all in-house and Japan Software database running in Oracle and MS SQL.
- Interfaced and integrated SAP to MES systems automating material master registrations and production planning run.
- Built Innovative management reports using TIBCO Spotfire.

**Grand Dragon Resorts** – Chrey Thom, Cambodia

2008 - 2010

### IT Manager

- Lead all aspects of projects, including capacity planning, resource allocation, project documentation, and client engagements.
- Address and resolve project risks, roadblocks, and obstacles while securing resources to efficiently complete deliverables.

## EDUCATION & ACHIEVEMENTS

**STI-College Olongapo** – Olongapo, Philippines

**Bachelor of Science In Computer Science**

Achievements:

- Two-time Champion in “INTO PROGRAMMING” Tagisan ng Talino (Regional and National Level) .
- Deans Lister and Honorable Mention
- Programmer of the Year.

**Associate In Computer Technology**

Achievements:

- Deans Lister and Honorable Mention

## PROFESSIONAL DEVELOPMENTS

- **Getting Started with the AWS Cloud Essentials** | Amazon | 2022
- **Amazon Simple Storage Service (Amazon S3) Storage Classes Deep Dive** | Amazon | 2022
- **Data Engineering in e-Governance Systems** | Project SPARTA | 2022
- **Data Science and Analytics Project Management** | Project SPARTA | 2022
- **Data Science and Machine Learning Using Python** | Project SPARTA | 2022
- **Data Visualization Using Tableau and Python** | Project SPARTA | 2022
- **Deep Learning Using Python** | Project SPARTA | 2022
- **Scrum Fundamentals for Scrum Master and Agile Projects** | Udemy | 2021
- **SAP Business Analytics Essential Training** | Udemy | 2021
- **Developing ASP.NET MVC Web Application** | Infotrek | 2018
- **Advance Diploma in Web Development** | shawacademy.com | 2016
- **Web Development – Programming Fundamentals** | shawacademy.com | 2016
- **SAP ABAP Programming** | Renesas | 2016
- **VMware vSphere: Overview [5.0] | VMWARE** | 2015
- **Oracle 11g: Administration Workshop I Ed 2** | Infotrek | 2012
- **Japanese Intermediate 1** | ICLS | 2018
- **Japanese Beginner 2 (Grade A)** | ICLS | 2012
- **Japanese Beginner 1 (Grade A)** | ICLS | 2012

## IT Executive

- Designed, developed and implemented all in-house systems ranging from Centralized Point of Sales (POS) System, Casino Management System (CMS), and Automated Timekeeping System (ATS) equipped with Biometrics which resulted to 100% full automation of manual systems.
- Introduced strategic advancements in the query optimization and system performance improvement.
- Manages the troubleshooting and maintenance of all Servers (Active Directory Server, File Server, Mail Server, Internet Server, Database Server running in mysql / MS SQL Server, and Surveillance Servers) ensuring an uptime of 99%.
- IBSS – Integrated Building Security System user which is responsible for giving access cards to all employees in all departments.

**Subic Bay Yacht Club** – SBFZ, Philippines

2005 - 2008

### Senior Programmer

- Team Lead, designed, developed, and implemented all in-house programs of the Club which includes employment system, payroll, timekeeping, billing and collection system, accounts payable sub system, point of sales for all revenue centers, groceries, and shops which resulted to 100% full automation of manual systems.
- Administered and troubleshooted Windows Servers, SCO UNIX, Novell Netware, Mail Server, Oracle for OPERA 4.04 PMS, and Micros-Fidelio System.
- Demonstrated database technical functionality, system files and programs in the areas of maintenance, tuning and troubleshooting. This includes the maintenance plans, indexing and files securities.
- Evaluated and monitored the Club's operating systems window patches, and software updates for the protection from possible viruses or any malicious software programs.
- Conducted user training and seminars to business users on microsoft office tools and software increasing their productivity by 45%.

### Junior Programmer

- Provided day-to-day support and monitoring of system and database servers performance ensuring an uptime of 99%.
- Creates customized / in house programs.
- Research for softwares and tools which can be used by the club and perform ongoing assessments of their ability to meet current and future requirements.
- Troubleshooting and maintenance of MICROS 8700 Point-of Sale equipments, FIDELIO Server and assist in the configuration of the Club's MICROS – FIDELIO System.
- Provide day-to-day assistance to members, guests and users with company's workstations, printing, Wi-Fi and internet access and ensure users satisfaction through efficient, effective, and timely diagnosis and resolution of user's problems and questions.
- Maintains the club's internal mails ensuring high confidentiality and is responsible for creating the email of new users and staffs.