



ANGEL MARTIN S. MANALANSAN, DBA, ITIL, LSSGB



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CORE COMPETENCIES

Full Stack Software Development
Enterprise Application Architecture
Cloud Computing & Deployment
RESTful API Development &
Microservices Architecture
Database Design & Optimization
Agile Methodologies
System Integration & API
Orchestration
DevOps Practices & Version Control
Requirements Analysis
Process Automation & Efficiency
Data Analytics & Reporting

EDUCATION

DOCTOR OF BUSINESS ADMINISTRATION

St. Paul University - Manila
2021 – 2024 (Graduated)

ITIL 4 FOUNDATION CERTIFICATION

Quint Wellington Redwood
July 2019 (Certified)

MASTER OF BUSINESS ADMINISTRATION

De La Salle University
2011 – 2018 (Graduated)

LEAN SIX SIGMA GREEN BELT

iAcademy
November 2014

PROFILE SUMMARY

Senior Full Stack Engineer with extensive experience designing and delivering scalable, enterprise-grade applications across web and cloud environments. Proficient in Angular, Node.js, .NET (C#), and Python, with strong expertise in database design and cloud deployment (AWS EC2, RDS). Skilled in building secure, high-performance RESTful APIs, optimizing database performance, and developing responsive, user-centric interfaces.

Proficient in driving AI-enabled solutions, automation, and data analytics to improve operational efficiency and decision-making. Adept in Agile environments, collaborating with cross-functional teams to deliver robust, scalable, and business-aligned solutions.

PROFESSIONAL EXPERIENCE

SENIOR SOFTWARE ENGINEER (FULL STACK)

SEP 2019– PRESENT

Executive Circle Corporation

- Design, develop, and maintain scalable full stack applications using Angular, Node.js (Express), .NET (C#), and Python, ensuring high performance, security, and reliability.
- Architect and implement RESTful APIs and microservices across multiple backend technologies (.NET, Node.js, Python) to support enterprise-grade applications.
- Lead end-to-end software development lifecycle (SDLC) including requirements analysis, system architecture, development, testing, and deployment.
- Develop responsive, modular, and user-centric interfaces using Angular, Angular Material, and Tailwind CSS, ensuring consistent UI/UX across complex systems.
- Design and optimize relational databases (MSSQL / AWS RDS / PostgreSQL) through efficient schema design, indexing, and query optimization.
- Translate complex business requirements into scalable technical solutions, aligning with enterprise architecture standards.
- Build secure backend systems using .NET (ASP.NET Core) and Node.js, implementing authentication (JWT), authorization, and API security best practices.
- Leverage Python for data processing, automation, and AI integration, including intelligent workflows and predictive analytics.
- Ensure code quality through clean architecture principles, reusable components, and adherence to coding standards.
- Deploy and manage applications in AWS cloud environments (EC2, RDS), ensuring scalability, high availability, and security compliance.
- Integrate AI-powered features such as natural language processing, intelligent query handling, and automation into enterprise systems.
- Utilize Git and modern DevOps practices for version control, CI/CD, and collaborative development.
- Apply Agile methodologies, actively participating in sprint planning, stand-ups, code reviews, and retrospectives.
- Collaborate with cross-functional stakeholders (business, QA, DevOps) to deliver high-quality, client-focused solutions.
- Continuously improve application performance, scalability, and maintainability through refactoring and optimization.
- Led the planning and business analysis phases of IT projects, aligning technical objectives with strategic business goals.
- Conducted end-to-end requirements gathering and analysis to define functional specifications and system architecture.

BSBA – INFORMATION SYSTEMS MANAGEMENT

DLS-College of Saint Benilde
2000-2003 (Graduated)

TOOLS & TECHNOLOGIES

Project & Collaboration Tools

Jira
Bitbucket
Git / GitHub
Kanban
Slack
Postman
Figma, Canva

AI/ Analytics

OpenAI
Claude Code
Power BI, Power Query
Tableau
Airtable, Zapier, Make,
Power Automate
Excel, Python
Jupyter Notebook
R, IBM SPSS

Cloud & Infrastructure

AWS (EC2, RDS, Route53,
VPC, IAM, CloudFormation)
AWS VPN Client, RDP
Microsoft Azure
Google Cloud Platform
Terraform, VMWare
Windows Server, Linux Server
Cloudflare

Programming

Dot Net, C#
Angular, Python, ReactJS,
NodeJS, TypeScript, HTML
PowerShell
Selenium

Reporting

Telerik Reports

Database & ERP

MSSQL, MySQL,
DynamoDB, NocoDB,
PostgreSQL, Oracle SAP,
NetSuite, Salesforce

Security & Monitoring

CrowdStrike Falcon
Falcon Endpoint
SOC 2
Splunk – SIEM

ASSOCIATE PROFESSOR

De La Salle – College of Saint Benilde

MAY 14, 2014 – APR. 30, 2025

- Delivered in-depth lectures on web application development, databases, IT infrastructure (networks), Operations Management, Project Management, Business Process Improvement, Quality, emphasizing real-world application and industry-relevant skills.
- Delivered undergraduate lectures in Business Management, Marketing Management, Social Innovation & Entrepreneurship and Information Technology, integrating research insights and real-world applications to enhance learning outcomes.
- Designed and revised course syllabi, curriculum maps, instructional materials, and assessment tools to align it with academic standards and industry trends.
- Supervise student research projects, theses, and dissertations, providing academic guidance and mentorship.
- Conduct original research and publish in peer-reviewed journals, contributing to the advancement of knowledge in business research.
- Present research findings at national and international conferences, fostering academic collaboration and institutional visibility.
- Participate in curriculum development and academic program evaluation to ensure relevance, quality, and accreditation compliance.
- Serve on academic committees, contributing to policy development, faculty governance, and institutional planning.
- Managed a pool of professors for Business Management, Marketing Management, and Social Innovation and Entrepreneurship.
- Initiated hiring and laying off professors.

SENIOR SOFTWARE DEVELOPER

JPact, Inc.

MAR. 2013 – APR. 2014

- Supervise daily operations of the software development team, ensuring timely delivery of projects and releases.
- Lead planning, design, development, testing, and deployment of enterprise and business applications.
- Manage developers, QA engineers, and technical staff; assign tasks and monitor performance.
- Oversee Agile/Scrum processes, sprint planning, and backlog prioritization.
- Review system architecture, code quality, and development standards to ensure best practices.
- Coordinate with business stakeholders to gather requirements and translate them into technical solutions.
- Ensure adherence to SDLC, documentation standards, and version control processes.
- Supervise application testing, UAT coordination, and production deployment.
- Monitor project timelines, risks, and resource allocation across development initiatives.
- Provide technical guidance, mentoring, and skills development for software engineers.
- Manage integration of applications with databases, APIs, and third-party systems.
- Ensure application security, performance optimization, and scalability.
- Support incident resolution and root cause analysis for production issues.
- Collaborate with infrastructure and DevOps teams for CI/CD pipeline implementation.
- Track and report project progress, KPIs, and development metrics to IT leadership.
- Enforce coding standards, governance policies, and compliance requirements.
- Evaluate and recommend new development tools, frameworks, and technologies.
- Support budgeting, vendor coordination, and software licensing management.

APPLICATIONS ANALYST
Teekay Shipping Philippines

SEP. 2009 – MAR. 2010

- Support and maintain applications used for vessel structural monitoring, inspection, and maintenance management.
- Analyze requirements from marine engineers, technical superintendents, and leasing stakeholders.
- Manage systems tracking hull condition, corrosion status, fatigue analysis, and structural risk indicators.
- Configure applications for dry-dock planning, inspections, and class survey scheduling.
- Support documentation and digital records for structural assessments, certifications, and repair history.
- Coordinate integration between technical management systems, leasing platforms, and ERP/finance tools.
- Ensure data accuracy for vessel structural specifications, inspection findings, and maintenance actions.
- Provide reporting dashboards on vessel condition, compliance status, and structural risk exposure.
- Assist in monitoring KPIs related to safety, integrity, and regulatory compliance for leased vessels.
- Support incident tracking related to structural failures, hull damage, and repair activities.
- Work with technical teams to automate inspection workflows and defect reporting processes.
- Participate in implementation and upgrades of fleet management and structural monitoring systems.
- Perform UAT and validate system enhancements impacting vessel engineering and safety operations.
- Ensure applications align with classification society requirements and maritime safety standards.
- Maintain audit-ready documentation for leasing agreements tied to vessel condition and seaworthiness.
- Support lifecycle management of structural maintenance from acquisition to lease return.
- Provide training and user support for engineers and operations teams using technical applications.
- Strengthen access control and data security for sensitive engineering and compliance records.

IT MANAGER

MAR. 2007 – OCT. 2008

Yacht Tours Maldives Pvt. Ltd.

- Lead day-to-day IT operations, including infrastructure management, service desk support, network administration, and system security.
- Develop and implement IT strategies, policies, and procedures that support business goals and enhance technology capabilities.
- Manage IT budgets, procurement, and vendor contracts, ensuring optimal ROI and cost-effective service delivery.
- Oversee IT project planning and execution, from requirements gathering and resource allocation to deployment and post-implementation support.
- Coordinate with department heads and stakeholders to assess technology needs and deliver scalable, user-centric solutions.
- Ensure compliance with regulatory and security standards (e.g. HIPAA, ISO 27001) and maintain robust disaster recovery and business continuity plans.
- Supervise and mentor IT staff, fostering professional development, team collaboration, and technical excellence.
- Lead software and hardware upgrades, cloud migrations, and enterprise system integrations to support digital transformation.
- Monitor and optimize IT performance through KPIs, service-level agreements (SLAs), and proactive risk management.
- Lead enterprise software implementation (ERP, CRM, HRIS, accounting, etc.).
- Establish IT policies, governance standards, and documentation practices.
- Report IT performance metrics, risks, and strategic initiatives to executive leadership.

TECHNICAL SUPPORT REPRESENTATIVE**MAR. 2006 – MAR. 2007***Convergys Philippines, Inc.*

- Provide frontline technical support for customers using 2Wire broadband routers and home networking equipment.
- Troubleshoot internet connectivity, Wi-Fi configuration, and router performance issues via phone/chat/email.
- Guide users through router setup, firmware updates, and network security configuration.
- Diagnose DSL/FTTH connection problems, signal issues, and hardware faults.
- Escalate complex technical cases to Tier 2/engineering teams with complete diagnostics and documentation.
- Assist customers with SSID setup, password resets, port forwarding, and device connectivity.
- Perform remote troubleshooting using diagnostic tools and modem/router interface access.
- Document incidents, resolutions, and troubleshooting steps in ticketing and CRM systems.
- Educate customers on basic networking, Wi-Fi optimization, and safe internet practices.
- Meet service level agreements (SLAs) for response time, resolution rate, and customer satisfaction.
- Coordinate with ISP field technicians for hardware replacement or onsite troubleshooting when needed.
- Identify recurring issues and recommend improvements to support processes and knowledge base.
- Support activation and provisioning of new internet services and router installations.
- Ensure data privacy and compliance while handling customer account and network information.
- Maintain updated knowledge of router models, firmware versions, and ISP network configurations.

REFERENCES

- Nadine-Jell C. Lopez | Quality Specialist – UHG | 0917-159-2389
- Ricardo Cruz, Jr. | Associate Dean – DLS CSB | 0917-595-2566