

Marc Kenneth C. Lomio

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PROFESSIONAL SUMMARY

Software Engineer and individual contributor with 6+ years of experience in the Microsoft tech stack. Delivered 12 projects across HR, insurance, e-commerce, healthcare, and more — whether it's developing applications from the ground up, reverse engineering, version upgrades, research & development, or maintenance. Picks up new tools and domains quickly, often ramping up on unfamiliar stacks to deliver ahead of schedule.

WORK EXPERIENCE

Software Engineer — Kinetic Innovative Staffing

Sep 2023 — Present • Brisbane City, Queensland, Australia

- Automated Late WebJobs to run every 30 minutes, improving attendance tracking and cutting absenteeism response time by 25%.
- Built WebJobs to pull 100,000+ daily data points from APIs (Holiday, Screenshot Monitor, Time Doctor, Hubstaff), boosting data accuracy and reducing manual input.
- Created a Booking Calendar with FullCalendar to automate orientation scheduling for 63,000+ candidates.
- Developed a timesheet monitor for 4,000+ team members, improving accountability and reducing errors.
- Supported 70+ internal users by quickly resolving app issues, ensuring smooth business operations.
- Built a sessionization algorithm to reconstruct continuous sessions from raw Hubstaff logs — increasing time-tracking accuracy by 90% for over 4,000 users.
- Redesigned and optimized complex SQL Server queries handling 9 million candidate records, implementing strategic indexing, query plan optimization, and stored procedure refactoring to enhance database performance and user experience.
- Strengthened application security by implementing user role-based access control for API authorization, integrating JWT token validation for secure authentication, and utilizing parameterized queries with Dapper to eliminate SQL injection vulnerabilities.
- Implemented AES-256 encryption to secure team members' salary data at rest, ensuring confidentiality and compliance with data protection standards.
- Implemented materialized views as a database-level caching strategy to precompute and store query results, reducing response times and improving performance for read-intensive workloads.

Software Engineer — BlastAsia, Inc.

May 2019 — Sep 2023 • Metro Manila, Philippines

- Delivered 11 applications across domains like recruitment, healthcare, e-commerce, virtual showrooms, insurance, asset management, and more.
- Reviewed code to maintain high quality and performance, cutting production bugs and boosting system reliability.
- Led R&D efforts to test new technologies, speeding up project execution through tool and process improvements.
- Took initiative on task planning and clarification, improving delivery efficiency and encouraging proactive problem-solving.
- Deployed scalable web apps with Azure App Service.

Software Developer Intern — Mr. Geek Mobile Solution Inc.

Oct 2018 — Jan 2019 • Metro Manila, Philippines

- Developed android mobile application using Android Studio (Java) and PHP 7 as backend service.

KEY PROJECTS

Kinetic Portal (Administrative)

This project focused on boosting HR and administrative efficiency. It introduced a unified platform that handled leave and overtime requests, internal job postings, and employee contracts. Key features included a resume format for daily applicants, a payroll schedule manager, and advanced activity reports. Built to streamline HR operations, the platform improved employee experience and workflow.

Xamun Dev Portal (AI Solutions)

A full-code platform for startups and digital projects—faster and simpler than Low-Code.

Rivington (Collections Application, AMIG Application, Centauri Application) (Insurance)

Rivington Partners is a managing general agency that focuses on writing specialty property & casualty insurance and placing risk with sponsoring insurance carriers.

Daikin E-commerce (E-Commerce)

Daikin Philippines runs an online store for air purifiers, enabling customers to browse and purchase products seamlessly.

Daikin Virtual Showroom (E-Commerce)

Daikin's Virtual Showroom helps customers explore products without visiting a physical store, providing an immersive online browsing experience.

iScan Diagnostic Center (Healthcare)

iScan offers fast, reliable medical imaging services, powered by a skilled and patient-focused team.

My Scorecard (Mundipharma) (Healthcare)

A web app that processes sales data and calculates employee incentives. Exports payout summaries and reports directly to Excel.

Magsaysay Online Careers (Recruitment)

A mobile and web-based HR platform for end-to-end recruitment. Built for ease of use and seamless hiring.

Marius (Insurance)

Marius is a cyber-insurance platform for clients, underwriters, and system admins. It manages policies from application to endorsement, renewal, cancellation, and claims.

Tempest Asset Management (Administrative)

This system lets school staff track repairs from start to finish—from part usage to student restoration time. Accessible from any browser, anytime, on any device.

Catalyst (Others)

A code generator tool that helps build high-quality software faster.

HomeQube (AI Solutions)

Homeqube builds performance systems to tackle global housing shortages. It champions decentralization, open access, and breaking down barriers in knowledge, production, and supply.

SKILLS

Languages: C#, TypeScript, JavaScript, SQL, T-SQL, PowerShell, Go, PHP, RxJS, JSON, XML

Backend: .NET 5, .NET Core 3.1, .NET Core 2.1, IdentityServer4, NSwag, REST API, Webhook, MediatR

Frontend: Angular, React.js, Redux, Bootstrap, Metronic, HTML/CSS

Database: SQL Server, Azure SQL, MySQL, Cosmos DB, SQLite, Dapper, EF Core

Cloud & DevOps: Azure WebJobs, Azure Functions, Azure Blob Storage, Azure Pipelines, GitHub Actions, Docker, Jenkins, IIS

Integrations: Hubstaff, Time Doctor, Screenshot Monitor, Paynamics, Zoom, SharePoint, SendGrid, Movider, Google Auth, Facebook Auth, Telerivet

Libraries & Tools: Leaflet.js, Plotly.js, DrawFlow, FullCalendar, Pako.js, ClosedXML, MemoryCache, Polly, Swagger, Postman, DevToys

Architecture: CQRS, Clean Architecture, DDD, MVC, Repository Pattern, Onion Architecture, N-Tier, SOLID, Design Patterns

Workflow: Agile / Scrum, Kanban, Git, GitHub, BitBucket, Azure DevOps, xUnit

EDUCATION

Bachelor of Science: Information Technology

Jose Rizal University • Philippines

Completed a comprehensive IT program covering software development, database management, and systems analysis.

CERTIFICATIONS

- **Exam 483: Programming in C#** — Microsoft
- **Azure Developer Associate** — Microsoft
- **Advanced C# Programming in .NET Core** — EDUCBA
- **Product Management** — IBM
- **EF SET: C1 Advanced** — EF Standard English Test