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

Senior Web Developer, 09/2023 - Current
Kinetic Innovative Staffing – Brisbane City, Queensland, Australia

- Company Overview: Kinetic Innovative Staffing is an AI-augmented remote staffing company with 1,182+ clients and 15,000+ roles filled, connecting businesses with dedicated offshore professionals from the Philippines across 20+ industries including IT, healthcare, finance, and construction.
- 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.

Senior Software Engineer, 05/2019 - 09/2023
BlastAsia, Inc – Metro Manila, Philippines

- Company Overview: BlastAsia is a software engineering and AI transformation company with 24 years in the industry, delivering custom web and mobile solutions for global enterprises, ISVs, and startups across finance, insurance, healthcare, retail, and logistics.
- 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, 10/2018 - 01/2019
Mr. Geek Mobile Solution Inc – Metro Manila, Philippines
- Company Overview: Mr. Geek is a web, mobile, and innovations solutions provider in the Philippines catering to Micro, Small, and Medium-scale Enterprises (MSMEs), with 8+ years of experience, 50+ clients served, and 30+ apps published. Official Philippine delegate at the Asian Entrepreneurship Award 2017 in Japan.
- Developed an android mobile application using Android Studio (Java) and PHP 7 as backend service.

--- EDUCATION ---

Bachelor of Science: Information Technology
Jose Rizal University - Metro Manila

--- 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

--- 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](#)