

# ADRIANE Z. EJORCADAS

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## TECHNICAL SKILLS

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- **Languages & Core:** C# .NET Core, Java, SQL, PL/SQL, VBA, VBScript, JSP
- **Frameworks & Libraries:** ASP.NET Core Web API, Entity Framework Core, Angular, Tailwind CSS, PrimeNG, AutoMapper
- **Tools & Platforms:** Postman, Swagger, Git / GitHub, Vercel, Render, MS SQL Server, PostgreSQL

## PROFESSIONAL EXPERIENCE

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**Weserv Systems International, Inc** | Taguig City, Philippines

*Application Systems Engineer Consultant* (11/2021 – Present)

- Provide ongoing maintenance, troubleshooting, and support to ensure the stability and reliability of enterprise legacy systems.
- Address and resolve critical bugs promptly, minimizing system downtime and ensuring seamless daily operations.
- Migrated legacy code syntax into modern syntax to resolve deprecation issues, future-proofing system performance and maintainability.
- Wrote and optimized PL/SQL queries based on complex project requirements and successfully integrated them into Batch Scripts for automated execution.
- Executed System Testing Environment (STE) duties as a dedicated tester for new versions of customer applications, ensuring high quality before deployment.
- Lead and manage maintenance and enhancement projects specifically focused on Operations and Maintenance.
- Authored and maintained comprehensive system documentation, maintenance procedures, and user guides that successfully reduced new developer ramp-up time by 30%.

**Maximum Solution Corporation** | Philippines

*Programmer / Analyst* (10/2020 – 09/2021)

- Developed Excel macro templates to automate monthly report generation, saving 10 hours of manual effort per month and reducing human errors.
- Analyzed system performance data utilizing advanced SQL queries to identify bottlenecks, improving query response time by 10%.
- Maintained and managed internal web applications using .NET Framework alongside the Quality Department database.

**HRD Singapore Pte. Ltd.** | Philippines

*Programmer* (09/2019 – 03/2020)

- Developed a core tracking feature within the system to monitor the real-time status of containers used for product import and export operations.
- Maintained multiple software systems supporting the Logistics Department.
- Generated custom operational reports to support leadership and logistics decision-making.

## PROJECTS

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### Cashflow Tracker Website ([cashflow.adrianeejorcadass.com](https://cashflow.adrianeejorcadass.com))

*Tech Stack: ASP.NET Core 9, Entity Framework Core, Angular 20, Tailwind, PrimeNG, MS SQL/PostgreSQL, Postman, GitHub, Vercel, Render, Neon*

- Architected a full-stack financial tracking SPA utilizing a decoupled 3-tier architecture (Controller-Service-Repository) to enforce strict separation of concerns and database-agnostic business logic.
- Implemented loose coupling across the application layer by programming to abstractions via Interfaces, facilitating clean Dependency Injection (DI).
- Designed high-performance data layers using Entity Framework Core to build a 6-month range aggregation pipeline for advanced monthly reporting and financial breakdowns.
- Configured end-to-end CI/CD pipelines with Render's GitHub integration for automated deployment of the .NET backend to Render Web Services and the Angular frontend to Vercel.

### User Manager API

*Tech Stack: ASP.NET Core 8, Entity Framework Core, MS SQL, Postman, GitHub*

- Designed and developed a secure User Management Web API using ASP.NET Core for efficient handling of user accounts and permissions.
- Integrated Microsoft SQL Server with Entity Framework Core for robust data management and seamless data retrieval.
- Integrated asynchronous communication channels using Google SMTP to dispatch secure, automated email notifications and account verifications.
- Hardened application security by implementing Argon2 cryptographic password hashing and automated account lockout/timeout mechanics to mitigate brute-force attacks.

## EDUCATION

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### Bachelor of Science in Information Technology

Cavite State University | Graduated: 06/2019