

# IAN BENEDICT BORLA

Senior Fullstack Engineer | Technical Leader

benborla@icloud.com • Metro Manila, PH • +639171503309

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## PROFESSIONAL SUMMARY

Senior Full-Stack Engineer and Technical Leader with deep expertise in building impactful enterprise solutions. A driven innovator who consistently tackles complex challenges and pushes boundaries to achieve ambitious goals. Known for modernizing legacy systems, orchestrating large-scale infrastructure, and leading high-performing teams. Brings a creative problem-solving approach across education, gaming, and real estate sectors, consistently delivering solutions that delight users and exceed expectations.

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## TECHNICAL EXPERTISE

**Architecture & Methodologies:** Microservices Architecture, Event-Driven Design, Test-Driven Design, CQRS, Agile, Scrum, Continuous Integration/Deployment

**Frontend:** React, Next.js, Vue.js, TypeScript, JavaScript, HTML5, CSS3, Storybook

**Backend:** PHP, Laravel, Symfony, Rust, Go, Nodejs

**Infrastructure:** AWS, Kubernetes

**Databases:** MySQL, PostgreSQL, MSSQL, SQLite

**Tools:** Git, GitHub Actions, GitLab CI/CD, Grafana, SonarQube, K9s, Docker, Kubectl, Terraform

**Desktop:** Electron, Tauri

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## PROFESSIONAL EXPERIENCE

Technical Consultant | [EDClass Ltd.](#)

Remote | December 2023 – Present

- Currently rebuilding the legacy app to a maintainable Desktop App, API, Admin Web platform, and infrastructure orchestration.
- Delivered a real-time invigilation system for online exams powered by **AWS IVS**.
- Developed a comprehensive digital education platform that reduced administrative overhead by **40%** across partner institutions
- Engineered a proprietary examination system with advanced features:
  - Real-time monitoring for simultaneous student assessments
  - Live proctoring system achieving **99.9% academic integrity rate**
  - Automated grading and performance tracking
  - Secure remote testing environment

- Migrating legacy projects from **Symfony 2+** to the latest **Symfony LTS** using **PHP Rector**
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## Technical Consultant [Freelance] | [Beating The Spread](#)

Remote | April 2025 - June 2025

- Converted a legacy polling system into a **WebSocket-based real-time service**.
  - Improved user retention and reliability by offloading complex logic into a dedicated microservice.
  - Reduced maintenance costs while ensuring reliable data delivery.
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## Software Engineer / DevOps | [Melis Platform](#)

Remote | August 2023 - April 2025

- Developed a Kubernetes orchestration infrastructure to improve scalability and resilience.
  - Automated large-scale data syncs from APIs to **Elasticsearch**, ensuring disruption-free user experience.
  - Worked on Laminas modules for specific-client use case
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## Senior Fullstack Engineer / Project Manager | [Bally's Interactive](#)

Makati, Metro Manila | April 2021 - December 2023

- Led a cross-functional team of 7 members (5 developers, 1 tech lead, 1 architect) in developing an enterprise-wide **white-label templating system**
  - Engineered robust **GitLab CI/CD pipelines** with SonarQube integration for automated code quality analysis
  - Migrated legacy **PHP 5.6-7.4 applications** to **PHP 8.2** with **Symfony 5.4+ and 6.0** frameworks
  - Transformed legacy **monolithic applications** into modern **microservices architecture**, reducing maintenance overhead by **50%**
  - Modernized **1M+ lines of PHP code**, streamlining migration and maintainability
  - Implemented comprehensive testing strategies, achieving **95% code coverage** across critical components
  - Reduced system response times by **40%** through performance optimizations
  - Reduced deployment failures by **80%** by implementing automated testing, quality gates, and canary releases for gradual production rollouts
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## Senior Fullstack Engineer | [Lamudi](#)

Makati, Metro Manila | February 2019 - March 2021

- Implemented a comprehensive **automated payment system**, transforming a manual agent-dependent process into a streamlined **self-service solution** for listing credit purchases
- Designed and developed a scalable **microservice architecture** to handle payment processing and listing credit management, significantly improving system efficiency and user experience
- Integrated multiple country-specific **payment gateways** (Philippines, Mexico, Indonesia), expanding platform accessibility and revenue streams

- Led the strategic decomposition of a **monolithic application** into **microservices**, enhancing scalability and maintainability
  - Engineered reusable PHP dependency packages to establish secure, centralized communication protocols between microservices, promoting code reusability and maintaining robust security standards
  - Maintained high system reliability through proactive bug fixes and rapid hotfix deployment while managing continuous client-requested feature updates
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## Senior Fullstack Engineer / Team Lead | [Melis Technology](#) (Startup)

Cebu, Philippines | 2015 - 2018

- Led a cross-functional team of 8 developers while spearheading the end-to-end development of a comprehensive **enterprise platform**
  - Successfully managed concurrent client-specific projects while architecting and developing a new platform infrastructure, ensuring **on-time delivery** through effective team coordination
  - Designed and implemented a **flexible modular architecture** enabling dynamic functionality customization through user-controlled module activation
  - Engineered and launched a **marketplace platform** enabling users to discover, download, and integrate third-party plugins and modules
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## EDUCATION

**Bachelor of Science in Information Technology** Northeastern Cebu College, Danao City, Cebu (2014 - 2016)

- Academic Excellence Awardee, Advanced Placement Program Graduate
- Led technical society organizing hackathons

**Associate in Computer Technology** Northeastern Cebu College, Danao City, Cebu (2009 - 2011)

- Academic Excellence Awardee, Supreme Student Council Secretary
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## CERTIFICATIONS

- AWS Certified Solutions Architect - Associate
  - Certified Zend Framework 2
  - REST API (Intermediate)
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## PROJECTS

### [Marks Today](#) (August 2025 - September 2025)

Habit and goal tracking app with daily accountability system. **Tech:** Next.js, TypeScript, PostgreSQL, Prisma, TailwindCSS, Paddle, Shadcn UI, Magic UI

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### [Crease](#) (September 2025 - Present) - WIP

Expense tracking app with **receipt upload** → **OCR** → **analytics dashboard**. **Tech:** Next.js, TypeScript, Convex, TailwindCSS, Paddle, Shadcn UI

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### [MySQL MCP](#) (December 2024 – Present)

Model Context Protocol server enabling LLMs to query MySQL databases securely via SSH tunnels. **Tech:** TypeScript, Node.js, MCP

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### [Tailwind Snippets](#) (April 2024 – Present)

Curated collection of reusable Tailwind components. **Tech:** Next.js, TypeScript, PostgreSQL, TailwindCSS, Shadcn UI

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## HACKATHONS

- **Neon OSS Starter Kit Challenge** (August – September 2024) Developed a **Rust Microservices Starter Kit** with Neon as DB provider. [Blog Post](#)
  - **CSS Art: Space** (September 2024) Built a **CSS-only animation** of moon phases with random shooting stars. [Blog Post](#)
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## REFERENCES

- **Jin Michael Resurrecion** – Development Manager, Bally's  
[jin.resurrecion@ballys.com](mailto:jin.resurrecion@ballys.com) • +63 918 807 3303
- **Danica Mae Manalang** – Senior Fullstack Engineer, CloudEmployee  
[danica.manalang@gmail.com](mailto:danica.manalang@gmail.com) • +63 928 610 3379