Ivanne Dave Legaspino Bayer

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EXPERIENCE

Full Stack Engineer
Tekkio, LLC. 🔗

2025 July – Present | Full Time
Wyoming, United States

- Significant contributor across 5 production projects, owning design, frontend, and backend development using Next.js, Rust, Flutter, and Drizzle ORM.
- Built a multiplatform VNC client by implementing the RFB protocol in Dart with a Rust proxy, supporting multiple encoding algorithms.
- Served as a core developer for a support platform enabling ticket-based issue resolution for partner companies in edge-computing environments.
- Delivered multiple product features, including a rich-text editor, an MDX-driven documentation system, and authentication workflows.
- Developed 25+ MDX-powered blog pages across multiple projects with features including pagination, filtering, and search.
- Co-authored comprehensive architecture, frontend, and backend documentation across multiple projects.

Front-End Software Engineer
Softwarez at its Best, Inc. 🔗

2024 Sep – 2025 Feb | Full Time
Cebu City, Philippines

- Developed multiple responsive landing pages with Gatsby/Material UI for React and Blazor/MudBlazor for .NET projects.
- Contributed front-end fixes and enhancements to deployed websites, primarily Crashr from the Github board.
- Authored an 80-page documentation using Typst to outline front-end standards and streamline the onboarding process for new developers.
- Built custom components, including a carousel and animated UI elements, implemented theming, and added dark/light mode.
- Enhanced website performance, accessibility, and SEO by implementing improvements identified through Google Lighthouse audits.
- Gained hands-on experience creating transactions on the Cardano blockchain.

PROJECTS

Sprinkla: End-to-End Delivery Management System for a Donut Inspired Café 🔗

- Integrated NextAuth.js to manage JWT-based authentication, client-server session handling, and middleware-based route protection.
- Developed paginated, searchable, and filterable order data views with debounced input handling for performance optimization.
- Established structured communication between frontend handlers and backend logic using Next.js API routes.
- Designed database schema, business logic, and migration strategies using Drizzle ORM on the backend.
- Deployed the Next.js application via Vercel, leveraging CI/CD and serverless functions.
- Enabled real-time delivery status updates using a custom Server-Sent Events (SSE) middleware service hosted on Render

Teyvat Compendium: Genshin Character Data Vault 🔗

- Fetched and integrated data from an open-source API for the popular gacha game Genshin Impact to display assets within the application.
- Developed interactive dashboards with character stats and data visualizations, enhancing user engagement and gameplay insights.
- Implemented Firebase authentication, allowing Google and phone logins for users to manage their favorite characters.

EDUCATION

B.S. Computer Science
University of San Carlos 🔗

2021 Aug – Present | Cebu City, Philippines
GWA: 1.6

- Consistent Deans Lister for 2021 Aug - 2023 July
- Relevant Coursework: Algorithms & Data Structures, Programming Languages, Operating Systems, Networking, System Design and Analysis, Data Analysis, Information Assurance and Security, Web and Mobile Development.

SKILLS

- **Languages:** Javascript, Typescript, C, Python, Dart
- **Frontend:** React, Gatsby, Next.js, HTML5, CSS3, Tailwind, MaterialUI, Flutter, ShadCN
- **Backend:** Node.js, Express, Firebase, DrizzleORM
- **Database:** MySQL, Turso, PostgreSQL
- **Hosting and Deployment:** Vercel, Render, Docker
- **Others:** Git, Github, Swagger, VS Code, Figma, Typst, Ubuntu