Alvin Briones

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Professional Summary

I'm Alvin, a Software Engineer with years of experience in the field. My track record includes successfully launching multiple projects and demonstrating my prowess across the entire product development cycle. I possess a broad skill set encompassing full-stack development, working adeptly with technologies like .Net (C#), .NET Core (C#), Azure, Angular.

Technical Skills

Languages:
C#, Javascript, SQL, Python, React, Angular

Cloud & DevOps:
Azure, Terraform, CI/CD

Databases:
SQL Server, MongoDB, Redis

Messaging:
RabbitMQ

Tools:
Git, Github, Azure DevOps, JIRA

Professional Experience

CoDev Philippines | 2021 – Present
.NET DEVELOPER

Kyocera International

- Developed a chemical import compliance system that automates checks for U.S. import regulations, ensuring accurate tracking of permits and compliance with legal requirements. This system reduced manual checks, improving efficiency and reducing risk for non-compliant imports.
- Led the modernization of legacy applications, spearheading the migration to a new technology stack. Worked closely with stakeholders to rebuild key components from scratch, improving system performance, scalability, and maintainability.
- Created a reusable project template for microservices architecture, streamlining the development process for new projects. This template is now used as the foundational blueprint for all new services, accelerating development cycles and ensuring consistency across the platform as the company transitions from a monolithic to a microservices-based system.
- Led the design and implementation of RabbitMQ as the centralized messaging broker for email and notification services, enabling asynchronous processing, improved system reliability, and scalable message handling. Implemented message producers and consumers to decouple notification workflows, reduce API response time, and ensure fault-tolerant delivery across multiple services.
- Implemented Redis as an in-memory caching layer to reduce frequent database calls, improving application performance and scalability. Designed cache strategies to store frequently accessed data, minimizing latency and optimizing overall system responsiveness.
- Built an automation script to provision Azure DevOps projects, streamlining project setup and reducing manual configuration efforts. Automated creation of repositories, and baseline configurations to ensure consistency and faster development.
- Built Terraform scripts to provision and manage Azure DevOps project infrastructure, enabling consistent, repeatable, and scalable environment setup through infrastructure as code.

CardExchangeCloud
- Architected a multi-component student ID management platform comprising administrative, control, and mobile applications.
- Implemented role-based access control (RBAC), configurable approval workflows, and secure SDK-based integrations for physical access systems.
- Delivered a mobile-first virtual ID solution enabling secure authentication, notifications, and campus access via mobile devices.

KYOCERA DOCUMENT SOLUTIONS DEVELOPMENT PHILIPPINES INC. | 2017-2021
Software Engineer II

- Assisted in designing and developing a remote device management system for the Driver and Utilities Project, enabling centralized control of device configuration, firmware updates, and health monitoring.
- Implemented monitoring logic for consumable levels (toner and ink) and device status, supporting proactive maintenance and reduced service interruptions.
- Contributed to firmware upgrade processes, including validation and error-handling mechanisms to ensure safe and consistent updates.
- Integrated alerting and notification features to provide timely visibility into device status, faults, and maintenance needs.
- Worked closely with QA and product teams to ensure system stability, performance, and a user-friendly experience.

TATE PUBLISHING AND ENTERPRISE INC. | 2016
Application Developer

- Developed a revenue–cost tracking system for book production, providing financial insights for forecasting, cost control, and profitability analysis.
- Modernized a legacy website by rebuilding it with updated technologies, improving performance, maintainability, and user experience.

FORTY DEGREES CELSIUS INC. | 2014 - 2016
PHP Developer

- Designed, developed, and maintained a web-based job platform targeting women's employment opportunities nationwide in Japan.
- Built features for job posting, search, and application workflows, optimized for usability and accessibility.
- Implemented location-based filtering to support job discovery across all prefectures.
- Collaborated with stakeholders to enhance platform functionality while supporting inclusive hiring initiatives.

LITECLOUD CORPORATION | 2014
Application Developer

- Designed and developed a comprehensive scheduling and document management system tailored for law firms.
- Implemented an integrated calendar to track each lawyer's appointments, court schedules, and case deadlines, improving time management and case coordination.
- Built a virtual filing cabinet that mirrors the structure of physical file storage, enabling secure, organized, and intuitive digital document management.
- Enabled easy access to case files and documents, improving retrieval efficiency and reducing reliance on physical paperwork.

- Improved overall workflow efficiency by centralizing scheduling and document storage within a single platform.