Santosh Baral

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Summary

Microsoft Dynamics 365 Business Central Technical Consultant with 3+ years of experience at a Microsoft Gold Partner, specializing in Business Central SaaS and On-Prem development, AL extensions, NAV-to-BC upgrades, and API integrations. Led enterprise-scale HRMS and attendance solutions for 1,500+ users, including biometric device integrations and payroll automation in Business Central. Strong in upgrade-safe architecture, event-driven development, with solid understanding of Business Central functional processes across HR, finance, and Services.

Key Achievements

- **Led HRMS Implementation**: Delivered complete HR solution for NIMB Bank serving 1500+ employees with 8+ core HR modules.
- **System Migration Success**: Successfully upgraded system of the leading automotive provider, Syakar Trading (Authorized Honda automotive distributor), from Dynamics NAV to Business Central, ensuring high data accuracy, effective data cleansing, and minimum downtime.
- **ERP Implementation**: Contributed to end-to-end ERP implementation for Triveni motors covering key modules like Finance, Sales, Purchase, Inventory Management, and Service.

Education

BACHELOR IN COMPUTER ENGINEERING| Tribhuvan University, NEPAL | 2018–2023

Key subjects

C++ Programming, Data Structures, OOP, Microprocessor, AI, DBMS, Operating Systems, Distributed Systems, Big Data Technologies

Skills and Abilities

- **Business Central & NAV:** Dynamics NAV, AL/CAL Programming, Extensions Development (Tables, Pages, Reports, Codeunits), Control AddIn, Debugging, Event Subscribers.
- **Integrations:** REST APIs, OData Services, API Pages, Postman, JSON/XML, Web Services.
- **Database & Programming:** SQL Server, SQL Query, SQL Server Management Studio, HTML, CSS, JavaScript.
- **Reporting:** Power BI, RDLC Report Builder, Excel, Dataset Design.
- **Tools**: Git, GitHub, Azure DevOps, Visual Studio Code, PowerShell.
- **Methodologies:** System Analysis, UAT, Version Control, Documentation.
- **Soft Skills:** Problem-solving, Cross-functional Collaboration, Communication, Time Management.
- **Technical Writing**: Authored LinkedIn articles on Business Central Protected Variables, Regex Codeunits, Attachment Preview in business central and best practices.

Experience

Technical Consultant | Agile Solutions Pvt. Ltd. | Jan 2025 – Present

Project: Attendance Management System – Microsoft Dynamics 365 Business Central (SaaS)

- Owned end-to-end design and development of an Attendance Management module using AL extensions in Business Central SaaS.
- Implemented core features including check-in and check-out tracking, shift management, overtime calculation, and leave and holiday integration.

- Designed upgrade-safe, event-driven architecture following SaaS and AppSource best practices.
- Integrated external biometric attendance devices like ZKT using REST APIs and API Pages, handling validation and error scenarios, with Postman-based testing.
- Developed RDLC reports and enabled Power BI dashboards for real-time attendance and overtime insights.
- Reduced manual HR processing by 40%+, improving payroll accuracy.

Project: HRMS Implementation for Bank

- Served as Technical Lead for comprehensive HRMS implementation covering 1500+ employees across 50+ branches of Nepal's leading A-class commercial bank.
- Developed and implemented HR modules including Attendance, Leave, Travel, Overtime, Employee Profile, Shift, Recruitment, and Payroll Management on business central.
- Designed and integrated Power BI dashboards with Business Central to provide real-time HR and payroll insights.
- Closely collaborated with the client-side stakeholders, HR and finance teams to translate business requirements into functional and technical Business Central solutions.
- Integrated external systems using APIs, conducted API testing with Postman.
- Provided end-user training and technical support, documented integration processes.

Associate Technical Consultant | Agile Solutions Pvt. Ltd. | Sep 2023 – Dec 2024

Project: System Upgrade from Dynamics NAV to Business Central (BC)

- Worked on the upgrade process from NAV to BC, including data migration, environment setup, and performance testing.
- Analyzed existing customizations in NAV, refactored legacy logic, and planned upgrade paths to ensure compatibility with AL-based architecture.
- Collaborated with cross-functional teams to manage UAT, go-live, and post-deployment support.

Project: Automotive ERP Implementation

- Implemented a full ERP solution for an automotive client covering Finance, Sales, Purchase, Inventory, and Service modules.
- Configured and customized workflows to match client-specific business processes and operational needs.
- Designed and developed custom reports using RDLC report builder for financial, inventory, and service insights.
- Supported integration, testing, and post-deployment stabilization in collaboration with the client's operations team.

Software Development Trainee | Agile Solutions Pvt. Ltd. | Feb 2023 – Aug 2023

- Completed intensive training in Microsoft Dynamics 365 Business Central and NAV modules, achieving proficiency in 3 months.
- Handled support tickets, system setup, and basic customizations.
- Automated administrative tasks using PowerShell and participated in team documentation.

Certifications & Training

- Nepal Engineering Council Registered Engineer (Computer 83659)
- Microsoft Azure Education Transformation, Microsoft (2022)
- Basic Web Development, ACES (2022)
- Communication & Leadership, Agile Solutions (2024)

Languages

Nepali: Native, **English:** Professional, **Hindi:** Professional