Dhiraj Kumar Singh

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CAREER OBJECTIVE

Microsoft Dynamics 365 Business Central Technical Consultant with 2+ years of experience in AI development and SaaS customization. Skilled in API and CRM integration, workflow automation, reporting, and data migration. Experienced in PTX payment integration and HMRC Gift Aid automation. Focused on delivering scalable, secure, and reliable ERP solutions.

EXPERIENCE

Edhate Consulting Pvt. Ltd — **Remote, India**
Technical Consultant — **06/2024 - Present**

- **Developed and customized Microsoft Dynamics 365 Business Central SaaS solutions using AL extensions, custom tables, pages, reports, codeunits, APIs, and workflow automation aligned with client requirements..**
- **Designed and implemented integrations between PTX, CRM, Business Central, and HMRC, enabling payment synchronization, donor data processing, transaction reconciliation, and Gift Aid reporting through GovTalk/R68.**
- **Built compliance-focused Gift Aid automation covering donor eligibility validation, tax calculation, claim generation, exception handling, reversals, lifecycle tracking, and HMRC submission readiness.**
- **Created operational and analytical reports using RDLC, Word, Excel, and Business Central reporting objects to support finance, payroll, donation processing, reconciliation, auditing, and exception management.**
- **Collaborated directly with clients and internal teams to analyze requirements, translate business processes into technical solutions, troubleshoot production issues, support deployments, and improve application performance, reliability, and maintainability.**

Leopard Runs Innovations & Technology — **Bhopal, India**
Software Engineer Intern — **01/2024 - 05/2024**

- **Built scalable Node.js/Express.js backend services with JWT authentication for secure data access**
- **Optimized MongoDB schemas for performance, following design principles to enhance query speed.**

COMPANY PROJECTS

World Vision United Kingdom | PTX, Business Central & HMRC Integration | Business Central SaaS, AL Development, API & CRM Integration, PTX Payments, HMRC GovTalk/R68

- **Designed a comprehensive Gift Aid automation framework, synchronizing CRM-based donor information and PTX payment records with Business Central to facilitate efficient HMRC GovTalk/R68 regulatory compliance.**
- **Built Business Central AL customizations for donation eligibility validation, Gift Aid tax calculation, claim generation, exception handling, and reversal processing.**
- **Mapped CRM donor, pledge, and payment data—including PTX transaction and reconciliation details—into Business Central donation-ledger workflows for accurate, auditable claim creation.**
- **Developed secure integration processes between PTX and Business Central to support payment synchronization, reconciliation, validation, and downstream HMRC Gift Aid submissions.**
- **Implemented compliance-focused ERP automation for HMRC reporting, including claim lifecycle tracking, validation rules, and HMRC-ready XML/API structures.**
- **Developed Business Central reports for Gift Aid claim review, PTX payment reconciliation, exception tracking, reversal visibility, and HMRC-ready audit summaries.**

SR Electro Noida, Salesforce & Business Central Integration | Business Central SaaS, AL Development, Salesforce API, GST/TDS/TCS

- **Design a Business Central customization and Salesforce integration solution for SR Electro covering customer sync, sales orders, inventory visibility, invoice updates, shipment tracking, and short-close workflows.**
- **Built AL customizations across sales, purchase, inventory, finance, and compliance using custom tables, pages, reports, role centers, permission sets, and event subscribers.**

- **Implemented staging-table based Salesforce API processing with Business Central API pages, AL codeunits, and Job Queue automation for customer, order, inventory, invoice, and shipment sync.**
- **Developed India localization features including GST reports, tax invoices, registers, packing lists, supplier invoices, PDC, and inventory reports.**

Transmin Australia, Business Central SaaS & Coupa Integration | Business Central SaaS, AL Development, Coupa API

- **Implemented Coupa procurement integration using AL HttpClient, OAuth/API-key authentication, JSON payload processing, sync logs, and automated data exchange for jobs, job tasks, job planning lines, items, suppliers, purchase orders, invoices, receipts, and budget adjustments.**
- **Built Business Central AL extensions using custom tables, pages, page extensions, table extensions, codeunits, reports, report extensions, queries, XMLports, permission sets, event subscribers, and RDLC layouts.**
- **Integrated Coupa procurement with Business Central workflows by mapping PO, invoice, receipt, supplier, item, budget, and job data into purchasing, inventory, warehouse, and project costing processes to improve reporting accuracy and reconciliation**
- **Business Central extensibility to automate and optimize assembly processes, improving operational accuracy.**

Salary Payslip Automation Internal Project | AL Language, Business Central, RDLC, Workflow, Job Queue, Email Integration

- **Developed a Microsoft Dynamics 365 Business Central AL extension to automate monthly and yearly employee payslip generation with RDLC PDF reports.**
- **Built salary management tables and pages to track salary components, deductions, gross pay, net pay, TDS, and employee-wise payslip status.**
- **Implemented automated email workflows to send individual and bulk payslips as PDF attachments using Business Central Email codeunits.**
- **Configured Job Queue automation and status tracking to schedule monthly payslip delivery and monitor sent/error results for HR users.**

TECHNICAL SKILLS

Programming and Databases: AL, JavaScript, HTML, CSS, SQL, and MySQL

Business Central: AL Programming, Extensions, Tables, Pages, Reports, Codeunits, Workflows, Job Queues, Data Migration, Permission Sets, and SaaS Customization, RDLC Reports, Word Layouts, Excel Reports, Financial Reporting

Integration: REST APIs, Web Services, CRM Integration, PTX Payment Integration, HMRC GovTalk/R68, XML Processing, and Azure Functions

AI and Automation: Microsoft Copilot, AI-Assisted Development, MCP Servers, Workflow Automation, and Automated Testing

Tools: Git, GitHub, Vscode, PostMan, Linux, Docker, CI/CD, AWS, Automation Testing, CRM, MCP Server

EDUCATIONAL QUALIFICATION

Millennium Institute of Technology and Science (MITS), RGPV University **Bhopal, MP, India**
Bachelor In Technology Computer Science and Engineering [CGPA: 8.04] **Aug 2020 - June 2024**

12th BSEB Board: Percentage: 72% Hazari Lal Sr. Sec. School, Baliwan Sagar, Gopalganj, Bihar, July 2017–July 2019

STRENGTH AND HOBBY

- **Strong analytical and problem-solving skills, with expertise in optimizing Business Central solutions through AI development, workflow automation, API integration, reporting, and AI-assisted process improvements.**
- **Interests include exploring emerging technologies, learning advanced Business Central capabilities, solving complex technical challenges, and developing efficient business solutions.**