
Craig Buchanan

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Revision 0.1.0

Revision History
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CB

1. Summary

Epic-certified, business-intelligence consultant

Mr. Buchanan is a seasoned software-professional who has a proven history of rapidly delivering solutions to variety of complex problems. Articulate. Creative. Focused.

2. Metadata

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#	0.1.0 (2014-07-16 12:16:49 CDT)
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3. Timeline

University of Maryland Medical System (UMMS) [http://www.umms.org] Baltimore, MD; 01/2011 - 08/2013
<ul style="list-style-type: none">• Developed dozens of reports for case-management, ClinDoc, ED, laboratory, psychology, and therapy departments.• Devedoped a paramaterized ED “dashboard” and the Oracle “derived table” that supports it.• Developed Oracle components to support and simplify reports.• Assisted in BusinessObjects Enterprise administration.• Prototyped dashboards with Xcelsius and QAAWS.• Managed the semantic layer (BusinessViews) that supported the reports’ dynamic/cascading parameters.• Implemented a report-documentation system using MediaWiki [https://www.mediawiki.org].
ASAP Beaker ClinDoc EpiCare Inpatient OpTime Radiant Resolute (HB) Willow Crystal Reports BusinessObjects Xcelsius Oracle PL/SQL MediaWiki QuickBase

**University of Maryland Medical System (UMMS) [<http://www.umms.org>]
Baltimore, MD; 01/2011 - 08/2013**

- Managed team's report-inventory system.

**ASAP Beaker ClinDoc EpiCare Inpatient OpTime Radiant Resolute (HB) Willow Crystal
Reports BusinessObjects Xcelsius Oracle PL/SQL MediaWiki QuickBase**

**Fairview Health Services [<http://www.fairview.org/>]
Minneapolis, MN; 02/2010-12/2011**

- Supported the Accountable-Care-Organization (ACO) initiatives.
- Developed Cadence and Resolute (PB) reports.
- Designed executive-level dashboards.
- Developed BusinessObjects Universe, Web Intelligence, and Oracle-based ETL components to support dashboards.
- Prototyped dashboards with QlikView [<https://qlikview.com/>].

Cadence ClinDoc Resolute (PB) Crystal Reports Oracle PL/SQL QlikView Web Intelligence

**SSM Health Care [<http://www.ssmhc.org/>]
St. Louis, MO; 08/2009 - 12/2009**

- Developed EpiCare Inpatient and Stork reports.
- Developed a "derived table" that provides a unified view of the departmental transfers, including time in the ED.
- Developed database components to simplify the Clarity data model for deliveries and flowsheets.

ADT ClinDoc EpiCare Inpatient Stork Crystal Reports MSSQL T/SQL

**Dexma [<http://mortgagecadence.com/>]
Minneapolis, MN; 10/2009 – 01/2010**

- Developed a Java utility to simplify the deployment of Universes and Web-Intelligence (WebI) templates.

ADT BusinessObjects SDK Java Universe SDK Web-Intelligence SDK

**Minnesota Department of Revenue [<http://mn.gov/commerce/>]
St. Paul, MN; 01/2009 – 10/2009**

- Developed reports for their permit-management system.
- Designed an enhancement to the system that allowed them to have more accurate reporting.

Crystal Reports Oracle

**Wells Fargo Home Mortgage [<http://mn.gov/commerce/>]
Minneapolis, MN; 10/2007 - 12/2008**

- Developed reports for their permit-management system.

Crystal Reports BusinessObjects SDK MSSQL T-SQL VB .Net SharePoint

Wells Fargo Home Mortgage [<http://mn.gov/commerce/>]
Minneapolis, MN; 10/2007 - 12/2008

- Designed an enhancement to the system that allowed them to have more accurate reporting.

Crystal Reports BusinessObjects SDK MSSQL T-SQL VB .Net SharePoint

M.A. Mortenson [<http://www.mortenson.com/>]
Minneapolis, MN; 12/2005 - 01/2006

- Designed and developed reporting database and SQL Server components necessary to meet the client's OSHA reporting needs.

Crystal Reports MSSQL T-SQL

Affinity Federal Credit Union [<http://www.affinityfcu.org/>]
St. Paul, MN; Multiple engagements

- Developed a Java utility to simplify the deployment of Universes and Web-Intelligence (WebI) templates.

ADT BusinessObjects SDK Java Universe SDK Web-Intelligence SDK

Allina Hospital & Clinics [<http://www.allinahealth.org/>]
Minneapolis, MN; 12/2004 – 11/2005

- Rapidly became a technical expert on Clarity's CliniDoc, ADT, Rx and Optime modules without any formalized training.
- Used his new-found expertise to assist Epic Systems' effort to improve the usability of Clarity's data model.
- Developed Oracle components to simplify reporting on Clarity's data.
- Authored Oracle components to simplify reporting on Admissions, Discharges and Transfers (ADT). Simplification included removing bed transfers and adding hospital-outpatient visits.
- Authored Oracle components to simplify reporting on flowsheet data, which included converting selected flowsheet rows into columns.
- Developed a customization for Crystal Enterprise 10 and XI's ePortfolio to allow a report to be scheduled once with a large data set, but filtered by its parameters when viewed. This customization is called View-Time Parameters.
- Authored a Microsoft Access-based application to track reporting projects. Created a component to extract a report's metadata.
- Authored knowledge-base files for Crystal Reports, Epic Care, and Oracle.
- Mentored staff in the use of Crystal Reports, Crystal Enterprise, and Oracle.

ADT ClinDoc EpiCare Inpatient OpTime Willow (PB) Crystal Reports BusinessObjects Oracle PL/SQL

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**Pillbury [<http://www.pillsbury.com/>]
Minneapolis, MN; 01/2001 - 03/2003**

- Designed and implemented an executive reporting system using Seagate Info 7. The system allowed business managers to monitor strategic (BPM, KPI), tactical and operational aspects of their Remedy-based IT Systems Management system (Viadyne [<http://www.viadyne.com/>]'s viaTIL).
- Designed a Total Cost of Ownership and ROI prototype using SQL Server 2000 Analysis Services, Crystal Analysis 8.5 and Crystal Enterprise 8.5.
- Designed a user-function library (UFLTimeZone [<http://www.cogniza.com/wordpress/products/ufltimezone/>]) that enables Crystal Reports work effectively with multiple timezones.

Crystal Reports Crystal Enterprise Remedy MSSQL SSAS

**University of Minnesota [<http://www.umn.edu/>]
Minneapolis, MN; Multiple engagements**

- Responsible for assessing the effects that an upgrade of the client's facility management system would have on their enterprise reporting. Project was estimated to take three weeks to complete; project completed in three days.
- Developing a component that extracted key properties of each report, then storing this information in a database.

Crystal Reports Crystal Reports SDK

**Baxter [<http://www.baxter.com/>]
Waukegan, IL; Multiple engagements**

- Implemented Seagate Info 7.
- Developed management reports for their ERP system (HSD's DIAMOND).
- Developed numerous Oracle functions and procedures to supply the report with data.

Crystal Reports Seagate Infor Oracle

4. Education

- MBA - University of Minnesota - Curtis L. Carlson School of Management, Management Information Systems
- BBA - University of Wisconsin - Madison, Finance