



Cerner Reporting Data Analyst

Summary

Senior Cerner Custom CCL Developer with over 20 years of clinical CCL report writing, data extract, and custom Discern script experience. Experienced developing reports to make data more meaningful and useful to fulfill various business, compliance, legal, financial, and regulatory matters. Worked with departmental personnel as well high-level executives for varying needs and differing cuts of system data. Recommended data reporting solutions to meet business needs and coordinated the planning, development, and implementation of custom solutions. Designed customer reports and data displays for projects and standard report formats for ongoing functions based on business needs. Effective communication, organizational and problem-solving skills. Experienced in coding standards, best practice guidelines and general CCL education. Able to manage multiple activities and priorities within complex systems. Proven analyst in the medical records software and systems field with broad-based experience in software development, business process optimization and management.

Professional Experience

Hospital/Healthcare Collaborative Sr. CCL Consultant

- Primary reporting resource supporting two healthcare organizations. This engagement was unique in that the two organizations had merged their IT departments and outsourced this function to Huntzinger. Both organizations utilized one Cerner database instance which presented unique IT challenges with reporting, extracts, interfacing, and consensus/decision making.
- Worked closely with the executive suite (CEO, CFO) as well as generalized departments (general surgery, OB/GYN, primary care, ED, eye care, and quality).

Consultant at a Glance

Industry Experience

- 20+ years of clinical CCL report writing, data extract, and custom Discern script experience
- Written or modified thousands of CCL scripts across numerous Cerner solutions including PowerChart, PathNet, SurgiNet, RadNet, FirstNet, CareNet, ParmNet, iView, Scheduling, Profit, and Core, and custom scripting requests against these modules for clients
- Knowledgeable with general CCL data model schemas and processes as well as more detailed work within PowerChart, Order Management, Doc Management, DCPTools, Person Management, Scheduling, Charge Services and other solutions to varying degrees
- Developed, maintained and adjusted custom code, reports, extracts and support documentation for the client toward projects for various solutions
- Proficient with coding from back-end environments and with front-end tools including Discern Visual Developer, Layout Builder and Explorer Menu
- Wide range of requests delivered from basic extracts to highly formatted, complex reports
- Former Cerner employee

Education

- Southwest Missouri State University, Springfield, Missouri Bachelor of Science Degree in Computer Sciences



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- Reporting was varied but included business operations dashboards, clinical metric dashboards, and CMS reporting requirements.
- Examples of unique projects included: a tele-pharmacy solution for after-hours support utilizing customized scripting paired with a FSI interface delivery including supporting log files, supporting scheduling extract data for future appointments for the eye clinic's third-party system, creating custom dashboards to spec for practice statistics as well as ED statistics for the quality department lead and the chief of medicine, and work toward validating lab equipment usage against corroborating clinical data results. Multiple standardized Cerner offerings were customized as well to better suit the clients' needs.
- Taught CCL education to IT department resources, supported revenue cycle report resources and assisted with coding techniques to ensure efficient programming once in production.
- In addition, assisted interface team with data extract logic and file transfer to various vendors.

Regional Hospital

Sr. CCL Consultant

- Huntzinger was engaged shortly after organization's Cerner go live. The CFO was not comfortable with operations information and requested additional reporting and support.
- Huntzinger was able to provide clinical and financial reporting support through the development of several key CCL reports.
- Role was from the clinical perspective, specifically around patient care versus charging and core values, but also with customizing some of the Cerner standardized reporting. Examples included utilization statistics with month-specific data, with further specific data pulled for inpatient versus outpatient. Additionally, registrations with and without gross charges by department by date of service was also requested.

EHR Software Corporation

Sr. CCL Consultant

Various Clients

- Developed, maintained and adjusted custom code, reports, extracts and support documentation for the client toward projects for various AP, HIM and other solutions.
- Developed other custom coding across multiple solutions as requested and as needed.

General Hospital

Sr. CCL Consultant

- Supported RCI go live project.
- Maintained and adjusted custom code, reports, extracts and support documentation for the client toward its revenue cycle project.
- Developed additional custom coding across multiple solutions as requested and as needed.

Health System

CCL Consultant

- Primary resource to maintain and adjust custom code, rules and support documentation for the client toward their PowerChart Ambulatory project.
- Project involved many new facilities and emphasis was on the custom build and adaptation for the new clients.



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- Responsible for the redesign and redraft of the client's pharmacy requisition. Script was used house-wide and the intent was to rewrite and optimize its performance at the client's global level.

Hospital

CCL Consultant

- Coordinated audit and modified custom scripts specifically for NOW2 go live.
- Developed investigational and auditing scripts, design requirements, customized code, testing requirements and support documentation for the client toward their August 2015 NOW2 go-live date.
- Emphasis was to audit and update all custom scripts utilized by client from the previous workflow to the intended IVIEW process.
- Various scripts updated contained data pulled from a wide range of Cerner solutions.

EHR Software Corporation

CCL Consultant

- Developed extracts specifically for client RCI go live.
- Fashioned design requirements, customized code, testing requirements and support documentation for various third-party extract needs for the client toward their September 2013 revenue cycle intent go-live date, wave 1, with three additional go-live waves to follow.
- Emphasis was on developing extracts focused on revenue cycle and patient demographic information for various external systems and internal systems utilized by client.
- Extracts contained data pulled from a wide range of Cerner solutions.

Hospital

CCL Consultant

- Developed design requirements, customized code, testing requirements and support documentation for various needs for the client since its April 2010 go-live date.
- Reports created for laboratory, dietary, and radiology to assist in maintaining FSI requirements between systems.
- An extensive effort was toward the implementation of EPSi, a third-party software application requiring multiple, large and complex extracts from Person Management, ProFile, ProFit and other Cerner solutions.
- Other reports, requisitions and labels were created for their CareNet solution and workflow.
- Worked with every analyst in every Cerner solution for custom delivery needs.
- Presented an introductory level CCL class and assisted in drafting standards for future customized code including warehousing, design, development, testing and efficiency standards.

CCL Consultant & Support Analyst

(Various Clients)

- Assisted with CCL support for current clients, as well as defined and implemented the process and procedure for future CCL work.
- Developed extensive documentation for software control process, delivery procedure and business model strategy.
- Continually produced requested results, client satisfaction and repeat business from clients. Received highest possible rating on all CCL engagements.
- Assisted other engineers and clients with coding issues and needs.



Cerner Reporting Data Analyst

EHR Software Corporation

Sr. Software Engineer for Custom Discern

- Handled client specific requests across the entire domain of Cerner applications, including corrections or modifications for older programs, to entirely new software needs. Responsibilities included scoping the work effort needed, reviewing data base schema to evaluate the proper tables and information needed, scheduling and managing the multiple requests, coding and testing the program(s), delivery and final approval from the client. Requests ranged widely from aiding a client to complete an individual program, investigational scripts, custom requisitions, third party extracts, to extremely complex reports.
- Introduced additional standards, including white and black box testing in conformity with other organizations, technical documents to assist users or later engineers to review the custom code, standards concerning code reviews, as well as the idea of a catalog from which clients could view available code and purchase multiple items.
- Selected to aid the ProFit team in a three-month effort to rewrite their scripts, during which time server suggestions were offered to improve their solution. When the Discern group re-organized to the CinC model (when clients became grouped geographically), became manager of the Southeast CinC, with one direct report. The Southeast CinC included well over a dozen clients, and worked with both Cerner project teams as well as directly with the clients to meet their needs.

Sr. Programmer/Analyst for Millennium PowerChart/Order Management/Doc Management

- Originally brought on as a CCL specialist to handle support, design and maintenance of custom discern requests as well as server and application scripts.
- Shortly after joining the integrated teams and becoming self-trained in Visual Basic, became responsible for the support of the entire set of PowerChart DCP Tools, including taking IAC calls, debugging and creating code corrections for clients. This application suite encompassed approximately 20 front-end applications and well over 100 supporting CCL scripts for user tools across PowerChart, Order Management as well as Doc Management.
- Working closely with all three teams, served as the resource for any discern scripting needed from investigation and debugging ad-hoc, to full report requests.

Programmer/Analyst for Classic Order Management

- Self-trained in COBOL and CCL Discern (Cerner Command Language, an SQL-based language used throughout Cerner).
- Responsible for all support of the CPW server, the primary orders server in Classic as well as multiple applications and all CCL work.
- Supervised training of new associates before moving to Millennium.
- Was a member of the 1998 Best Organization Award - Client Services.

About Huntzinger Management Group, Inc. (Huntzinger)

Huntzinger provides IT Advisory, Implementation and Staff Augmentation services to the healthcare industry. Our consultants have deep healthcare experience with expertise to assist our clients in improving their IT performance. For more information, visit <http://www.huntzingergroup.com>.

