

## Profile

Accomplished Technology Industry leader with extensive experience guiding diverse teams to develop and deploy cutting-edge software solutions. Effectively manages large groups of professionals, fostering efficiency and innovation through Agile methodologies and advanced project management tools. Renowned for operational leadership, commitment to excellence, and dedication to customer satisfaction.

Expert in implementing and integrating large-scale enterprise applications, creating custom solutions on both traditional coding platforms and the OutSystems platform, and integrating complex systems to streamline operations and enhance productivity. Adept at leveraging cloud technologies and automated testing frameworks to deliver robust, scalable solutions that meet critical business needs.

## Professional Experience

### Director Software Engineering, Dycom Industries Inc., 10/2016 to present

- Managed a team of up to 36 employees and contractors in various fields of operations / development and technical skills including business analysts and quality engineers. Most of the work was done using Agile development utilizing Jira for project management.
- Implemented Oracle Enterprise Warehouse Cloud at the biggest warehouses across the country and integrated it with internal applications. Build a responsive design app on the OutSystems platform for some of the smaller warehouses that directly integrated with the ERP system to allow for quick receiving, issuing and transferring of items using mobile devices.
- Built a state of the art project management system from the ground up on the low-code OutSystems platform. This system integrates with several customer systems as well as the company's ERP and is one of the largest implementations of OutSystems in the country.
- Developed and implemented a fully integrated order management solution to compliment the Oracle Enterprise Warehouse Cloud platform. This included several modules including AP and AR that also integrated with the company's ERP system as well as the end customers billing system iSupplier.
- Worked on an automated testing suite using Python and Selenium as well as pytest to allow for faster regression testing cycles.
- Lead the IT migration of the whole enterprise including all of the subsidiaries from the legacy Enterprise Content Management (ECM) software SharePoint to Alfresco.
- Supported various C# legacy application including asset / fleet management, capital request management, contract management and field office operations / billing applications.
- Implemented Google's Cloud Fleet Routing to support the technicians in the field and to allow for faster and more fuel efficient routing. Created automated pull of Google Big Data billing data for operational/financial reporting using Python.
- Built several reporting, data visualization tools using Python, Pandas, Plotly Express, Django as well as other Python libraries and frameworks utilizing API's to get data from Jira, Alfresco and other sources.

**Director System Engineering, XO Communications, 12/2015 to 10/2016**

**Sr. Mgr. System Engineering, XO Communications, 12/2004 to 12/2015**

**Mgr. System Engineering, XO Communications, 5/2004 to 12/2004**

- Managed a team of up to 18 employees in various fields of operations / development and technical skills.
- Managed development of XO's first iOS application using Agile delivery
- Managed 24/7/365 operations for the Mediation, Fraud and various Billing systems.
- Worked with IT OPS on converting multiple systems to virtualized servers as well as moving to different storage solutions and converting databases from Oracle to MySQL.
- Implemented Singleview billing systems and did major billing system upgrades within project timeline and budget.
- Responsible for operations of the financial systems including budgeting and project management and code deployment.
- Responsible for tier 2 support of the financial systems as well the Sarbanes Oxley compliance of those systems.
- Primary contact for technical issues and inquiries for all XO internal departments from Networking, IT OPS to Finance and Revenue assurance as well as external customers.
- Managed vendor relationships ranging from small development tools to XO's main billing system vendor.
- Presented on behalf of XO on various occasions in front of executive and international forums
- Created and maintained multiple environments on Unix including virtual ones and built tools for alerting and maintaining production systems.
- Setup, installation and configuration of Singleview on Unix
- Singleview client install on NT and Windows advanced server on Citrix
- Installation, setup, configuration, upgrade and support of Tuxedo
- Oracle install on Unix, Linux and Windows
- Created custom views, tables, sequences, triggers, procedures, profiles, roles and users in Oracle
- Performance tuning of Singleview Oracle views, queries and for various different departments including finance and revenue reporting
- Created custom reporting for various departments using PL/SQL
- Created custom interfaces using Perl and Unix shell scripting
- Modified, maintained and promoted custom Singleview code
- Installed multiple different operating systems like Sun Solaris, Linux and Windows

**Sr. System Analyst, Allegiance Telecom of Texas Inc. , 4/2001 to 5/2004**  
**Financial Systems Analyst, Allegiance Telecom of Texas Inc. , 11/2000 to 3/2001**

JDEdwards Technical and Application Specialist for One World implementation project utilizing multiple environments.  
Key contributions included:

- Plan and execute the implementation of Equipment Plant Management, Fixed Assets and Inventory including the use of bar coding equipment
- Evaluate 3<sup>rd</sup> Party software products to access compatibility with telecommunication needs
- Support of issue resolution for Security, HR/Payroll, Job Cost, Purchasing, G/L and A/P
- Primary contact for technical issues
- Creating custom menus and applications within the JDEdwards tool set
- Generating customized reports for Job Costing, G/L, A/P, HR/Payroll, Purchasing, Address Book and cross-application management reporting utilizing Enterprise Report Writer and 3<sup>rd</sup> party software like Actuate, Cognos and Crystal
- Modification and customization of JDEdwards reporting, application and menus
- Assisting G/L, A/P and Purchasing post implementation clean up
- Developing, reviewing and modifying custom documentation as it is related to the various modules
- Training the users in the various modules as well as MS Access to facilitate day to day operations
- Troubleshooting and resolving application and database issues on Oracle, Unix and NT
- Troubleshooting and resolving application issues on JDEdwards (OneWorld) Software
- Creating interfaces to JDEdwards from third party applications and databases
- Applying code changes and Software Action Requests
- Planning and support in the upgrade process from B7.3.3.2 to XE

**Consultant, BrightStar, 11/1999 to 10/2000**

JDEdwards Technical and Application Specialist for One World implementation project utilizing multiple environments.  
Key contributions included:

- Support of issue resolution for Security, HR/Payroll, Job Cost, Purchasing, G/L and A/P
- Primary contact for technical issues
- Creating custom menus and applications within the JDEdwards tool set
- Generating customized reports for Job Costing, G/L, A/P, HR/Payroll, Purchasing, Address Book and cross-application management reporting utilizing Enterprise Report Writer and 3<sup>rd</sup> party software like Actuate, Cognos and Crystal
- Modification and customization of JDEdwards reporting, application and menus
- Assisting G/L, A/P and Purchasing post implementation clean up
- Developing, reviewing and modifying custom documentation as it is related to the various modules
- Training the users in the various modules as well as MS Access to facilitate day to day operations
- Troubleshooting and resolving application and database issues on Oracle, Unix and NT
- Troubleshooting and resolving application issues on JDEdwards (OneWorld) Software
- Creating interfaces to JDEdwards from third party applications and databases
- Applying code changes and Software Action Requests

### **Consultant, Cansoft Consulting, 2/1999 to 10/1999**

JDEdwards Technical and Application Specialist for One World post-implementation project utilizing conference room pilot environment and production environment. Key contributions included:

- Support of issue resolution for Security, HR/Payroll, Job Cost, Purchasing, G/L and A/P
- Primary contact for technical issues
- Setting up category codes globally by utilizing the Enterprise Report Writing tool
- Creating custom menus and applications within the JDEdwards tool set
- Generating customized reports for Job Costing, G/L, A/P, HR/Payroll, Purchasing, Address Book and cross-application management reporting utilizing Enterprise Report Writer and 3<sup>rd</sup> party software like Actuate, Cognos and Crystal
- Modification and customization of JDEdwards reporting, application and menus
- Assisting G/L, A/P and Purchasing post implementation clean up
- Developing, reviewing and modifying custom documentation as it is related to the various modules
- Training the users in the various modules as well as MS Access to facilitate day to day operations
- Troubleshooting and resolving application and database issues on Oracle, Unix and NT
- Creating interfaces to JDEdwards from third party applications and databases
- Applying code changes and Software Action Requests
- Planning and support in the upgrade process from B7.3.2.1 to B7.3.3.2

### **Thyssen Mining Construction of Canada Ltd., 12/1996 to 2/1999**

**Project Manager, JDEdwards implementation team leader and Assistant to Manager of Information Systems**

- JDEdwards implementation team leader for Equipment Plant Management, Equipment Billing and Work Order Management
- Helped with the implementation of Fixed Assets, Purchasing, Job Costing and Inventory
- Reviewing corporate requirements and aligning with functionality available in JD Edwards applications
- Developing Strategic Use and Design Document
- Presenting of proposed solution to management
- Developing Policy and Procedures manuals, education manuals
- Developing reports utilizing the Enterprise Report Writing tool and other reporting software
- Educating head office and site personal
- Implementing JDEdwards software applications in Head Office and on remote mine sites
- Technical support and development of management and user reporting in JDEdwards
- Assisting in implementing security system within JDEdwards
- Project managing for underground drilling program with 30 employees
- Mechanical design of underground support equipment

### **Mechanical Engineer, Thyssen Schachtbau GmbH, 2/1994 to 11/1996**

- Mechanical design of custom lifting devices e.g. for turbine rotors, generator housings and cooler covers
- Design of customized work platforms and specialized equipment for the mining industry
- Creation of overview and detail drawings in AutoCAD
- Static calculations and stress analysis
- Creation of quality management documentation in German and English
- Technical translations between English and German
- Handling of correspondence between German engineering department and English speaking subsidiaries
- Creation of documentation for custom designed equipment
- Project leaded for smaller design projects
- Customer support for technical and design questions.

**Technical Skills:****Programming Languages:**

Python, C#, Java, Ruby, Perl, Shell

**Databases:**

Oracle, MySQL, MS SQL server, MongoDB

**Software:**

Oracle Enterprise Cloud Warehouse, OutSystems, Alfresco, Jira, PyCharm, Pandas, JupyterLab, Singleview, Tuxedo, Oracle Financials, JDEwards, Google Application Suite, Microsoft Applications Suite, Apple applications, Citrix, VMware, Vertex

**OS:**

Linux, Microsoft Windows, Mac OS, iOS, Solaris (UNIX)

**Cloud Platforms:**

AWS, Oracle Cloud, Google Cloud

**Education:**

Diploma in Mechanical Engineering, Fachhochschule of Düsseldorf, Germany

Engineer in Training with the Association of Professional Engineers and Geoscientists of Saskatchewan, Canada

**Special Skills:**

Fluent speaking and writing in German and English and intermediate in Spanish.