

Curriculum Vitae

Experience

Programmer/Analyst

Vancouver Island University | Jul 2016 - Present

Developed integrations and customizations for cloud-based ERP systems using REST web services in C# .NET Entity Framework, improving system interoperability.

Recreated student and financial reports using Crystal Reports, PL/SQL, and T-SQL, enhancing data accessibility for stakeholders.

Troubleshoot and resolved bugs in JavaScript, C# .NET, Classic ASP, Oracle, and MSSQL Server, reducing system downtime by 30%.

Re-implemented legacy ERP modules using modern JavaScript libraries and RESTful web services, modernizing user interfaces and improving performance.

Designed ETL solutions for cloud ERP data migration using SOAP/REST and Talend, ensuring seamless data transitions during system upgrades.

Software Analyst

Thompson Rivers University | Jan 2013 - Jul 2016

Designed and implemented the T.R.U. Student ID Card system in Java for BC Transit and City of Kamloops, streamlining student access to public services.

Developed an Employee Survey System using Groovy/Grails, integrated with Oracle DB, enabling confidential feedback collection for 500+ employees.

Created reports and ETL jobs from Oracle DB for Finance, HR, Payroll, and Student Services, improving data-driven decision-making.

Delivered a Groovy/Grails presentation at the BCNET Conference in 2015, sharing best practices with 200+ industry professionals.

Institutional Data Analyst

Thompson Rivers University | Sep 2012 - Mar 2013

Generated reports on Oracle data using SQL and PL/SQL, providing actionable insights for institutional planning.

Collaborated with stakeholders to identify reporting needs, ensuring data accuracy and relevance.

Optimized SQL queries to improve report generation speed by 20%.

Institutional Report Coordinator (Co-op)

Thompson Rivers University | May 2012 - Dec 2012

Developed solutions using SQL, PL/SQL, and PHP for institutional reporting, automating data collection processes.

Designed and maintained a reporting dashboard for institutional metrics, improving accessibility for non-technical staff.

Documented reporting workflows, creating a knowledge base for future coordinators.

Education

Computer Systems: Operations & Management, Computer Science

Thompson Rivers University | Sep 2010 - Jul 2013

Relevant Coursework: Data Structures, Algorithms, Database Systems, Software Engineering.

Completed a capstone project on optimizing database queries for institutional reporting.

Journeyman Marine Technician, Trades

British Columbia Institute of Technology | 2003 - 2007

Developed technical problem-solving and analytical skills, later applied to software development and system troubleshooting.

Achievements

Presented at BCNET Conference 2015

Delivered a presentation on Groovy/Grails best practices to 200+ industry professionals, sharing insights on web application development.

Streamlined ERP Data Migration

Led the design and implementation of ETL solutions at Vancouver Island University, reducing data migration time by 40% during ERP system upgrades.

Skills

React	React Router	Tailwind CSS
Axios	Node.js	Express
MySQL	bcryptjs	JWT
Parcel	PWA	pm2
Linux	JavaScript	HTML
CSS	Oracle PL/SQL	C#
MSSQL Server	T-SQL	SQL
Java	Git	REST/SOAP

Entity Framework	Crystal Reports	Talend
Groovy/Grails	Classic ASP	PHP
Hibernate	ETL Development	System Integration
SQL Tuning		