KEVIN PINTO
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SUMMARY OF SKILLS

- BI and Data Architect with 10+ years in Business Intelligence, data architecture & software development.
- Excellent verbal and written communication skills and the work ethic and social skills to Get The Job Done.

Technology Skills

- BI: QlikView, Qlik Sense, Tableau.
- Databases: DB2, Oracle, PostgreSQL, SQL Server.
- Scripting: Python and SQLAlchemy.

Industry and domain experience

- Financial: General Ledger, Bookings, Sales, Revenue, Accounts Payable & Receivable, Loans and Debt
- Supply Chain: Procurement, Warehousing, On Time Delivery, Master Data Management, CRM
- Manufacturing: Semiconductor fabrication including process control and recipe management
- Others: Executive Leadership views, HR, headcount, salaries and other confidential information

Experienced in all areas of the data and BI software development life cycle

- Business and Requirements Analysis including prototyping and mockups.
- Rapid development of dashboards, including refinement through customer sessions. Imaginative use of charts and advanced features to convey accurate information and enable good decisions.
- Technical and end user documentation, in Word, PDF and wiki formats.
- Built a portable database catalog and dictionary for database schema analysis, modeling and data quality.
- **Extensive experience with the ETL lifecycle** with data sources ranging from flat files, REST APIs, source databases (DB2, Oracle, Postgres, SQL Server) with **hundreds of millions of records processed daily**.
- Design and architecture of multi-tier QlikView applications, including tiered, incremental and time slice loading.
- Engineered dashboard updates starting with daily updates increasing in frequency to every 5 minutes.
- Testing, troubleshooting and performance tuning in development, staging and Production environments.
- Version control of dashboards and scripts using Git for traceability and governance.

QlikView BI and Qlik Sense Application Development

- Pioneered the use of QlikView BI business intelligence product in semiconductor manufacturing.
- Developed QlikView dashboards for many industries, with hundreds of users in multiple departments.
- Data sources included hundreds of millions of records stored in multiple databases and data warehouses.
- Experienced with Qlik Sense and Qlik Sense Cloud and migration of QlikView documents to Qlik Sense.
- Report writing using Qlik NPrinting for Excel, PowerPoint and embedded email.
- Geo Analytics map dashboard development, including contributions to underlying OpenStreetMap data.
- Re-use of existing SQL queries and views when required. Reverse-engineering of existing SQL queries and views to implement them in a QlikView-centric architecture.
- Creation and management of QlikView QVD data files in multiple tiers for use and reuse.
- Development of QlikView star schema data model, with facts surrounded by dimensions.
- Training and mentoring for QlikView end users, developers and BI staff.

QlikView and Qlik Sense System Administration Support

- Installation, upgrade and support of Qlik Server cluster, GeoAnalytics and NPrinting.

MOST RELEVANT WORK EXPERIENCE

Haas / Wesco / Incora, Austin, Texas
QlikView Architect and Consultant, 2013 - 2022
- Comprehensive consulting services to BI team using Qlik products to support supply chain operations
- Built or provided support to numerous dashboards including:
  - Quotes, Bookings and Sales vs Budget and COGS for hardware and chemicals, including unbilled revenue estimates for accurate revenue projections.
  - Oracle CRM.
  - On Time Delivery of product to customers.
  - Corporate General Ledger from SAP and JD Edwards ERP systems.
  - Accounts Payable and Receivable including overdue accounts from SAP and JD Edwards.
  - SAP FICO module data.
  - Human Resources including confidential salaries joining disparate HR systems.
  - Executive Leadership Team summary views.
  - Database explorer and data dictionary builder for JD Edwards ERP and other databases.
  - Migrated 24 key reports from legacy Cognos system to QlikView for $440K annual savings.
  - Provided support to Excess & Obsolete Parts dashboard to manage $200M reduction strategy.
  - Provided support to development of automated sales margin analysis tools.
- Notable technologies and methodologies used:
  - QlikView, Qlik Sense, Qlik NPrinting, Qlik GeoAnalytics, Qlik Cloud.
  - Daily incremental loading from DB2, Oracle, PostGres and SQL Server into QVD files using ODBC and OLE DB to support three-tier architecture.
  - Web service calls to obtain data from cloud locations.
  - Created REST API to enable client's customer to obtain customer's data from client's Qlik Sense server.
  - Active Directory user and group list using scripting .
  - Encrypted data transfers and Access Control for sensitive information.
  - Dynamic user-customizable table report with over 70 dimensions and 40 metrics available.
  - Maps of customer, supplier and warehouse locations and sales using GeoAnalytics.
  - Cleanup of address book and master data to work correctly with map technology.
  - International currency conversions using exchange rate feeds.
  - Simple and complex time window comparisons.
  - Load script include file for commonly used tasks.
  - Python helper scripts.
- Qlik system administration support including:
  - Installation, upgrade and support of Qlik Server cluster, GeoAnalytics and NPrinting.
  - Wrote utilities and monitoring dashboards to monitor users, licenses, ETL success, dashboard usage and server resource usage to support 99.9% uptime.
  - Created a remote database loader to improve WAN transfers of large datasets between datacenters.
  - Version control of QlikView dashboards, scripts and config files using Python and Git.
- QlikView end-user and developer training and mentoring in the US and UK.
  - On-site hands-on training for 40 developers in 5 locations.
  - Helped develop best practices and templates for new dashboards.
  - Mentored and guided junior BI staff, serving as expert resource.
  - Developed excellent working relationships across the customers' organizations.

EDUCATION
- **Master of Science** in Chemical Engineering, Arizona State University, Tempe, Arizona, 1994.
- **Bachelor of Engineering** in Chemical Engineering, Karnataka Regional Engineering College (now National Institute of Technology, Karnataka), Surathkal, India, 1991.
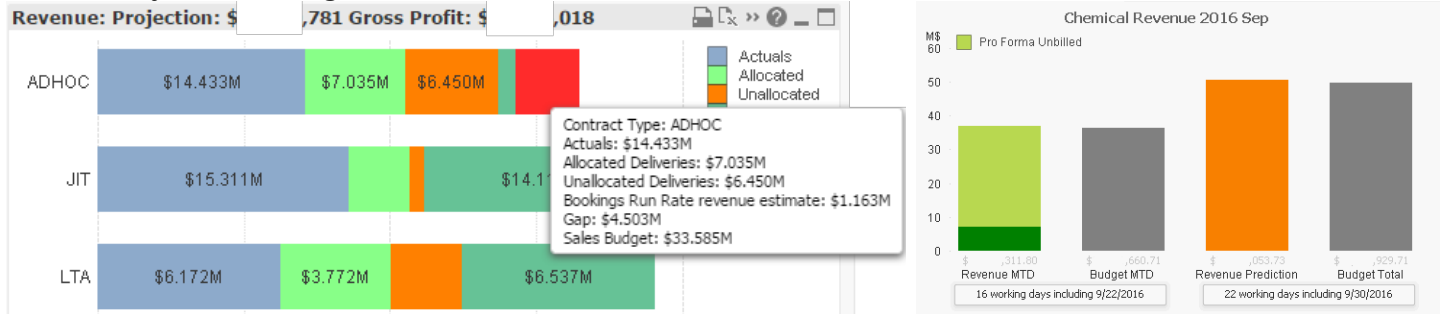
PATENTS

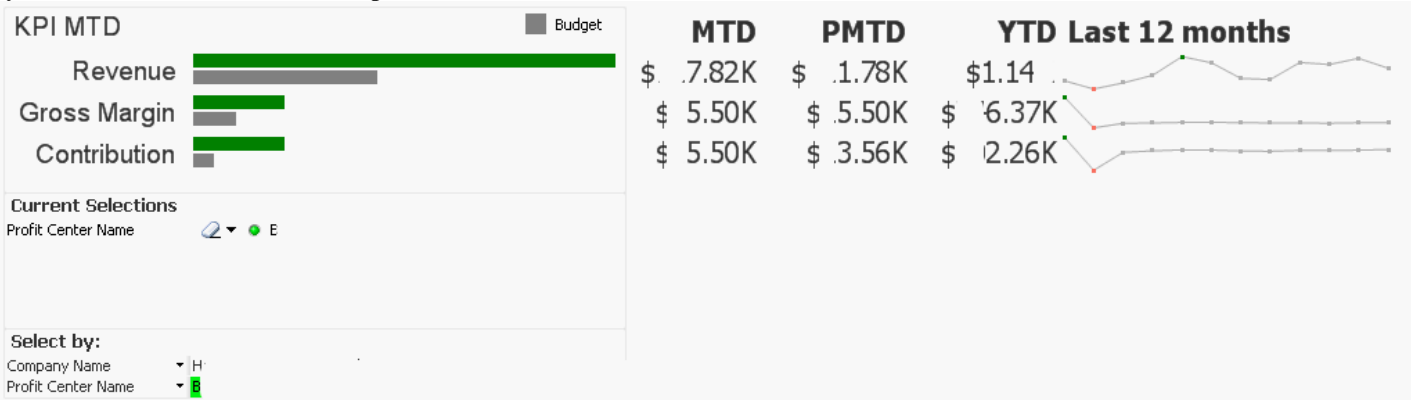Co-inventor of US Patents [7292906](#), [7477960](#) and [7877161](#)

WORK SAMPLES

- Portfolio samples below.

Revenue Projections vs Budget

Key Performance Indicators with sparkline chart

Build your own data table by selecting dimensions and metrics

Sales or other data on a map
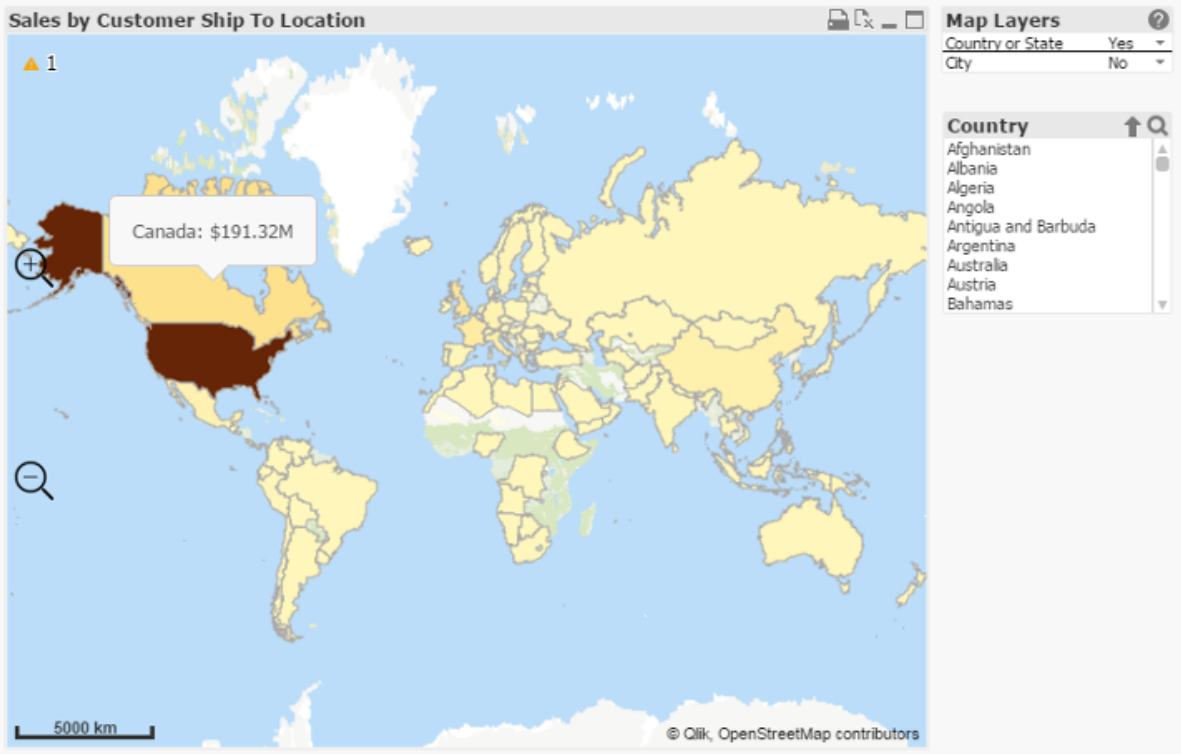
Choose a hiking trail based on its length, elevation gain and scenic rating