



SKILLS

Data Engineering

ETL/ELT/Lambda/Batch
Pentaho/Tableau/Viz.
Analysis and Design

Data Platforms

MySQL/PgSQL/MSSQL/
ORA
Vertica/Redshift/Horton/
Cloudera
Hive/Spark/MapReduce

Languages

SQL/Shell
Exposure to
Java/Python/PHP

Other Technology Exposure

Vagrant, Docker, Dev Ops
(Ansible, Chef, Puppet)
AWS, Azure, GCP

EXPERIENCE

Solutions Architect 01/2016 - present

Hitachi Vantara (Pentaho), Santa Clara, CA, USA

- Expert Data Engineering resource on team
- Over a decade of Business Intelligence and Data Engineering experience enables me to architect end-to-end data ingestion, ETL, and reporting solutions for our customers
- Focus on Scaling and High Availability implementations for our customers
- Develop and implement short and long-term Proof of Concept/Value exercises for potential customers worldwide
- Provide technical expertise to Sales Team for at-risk renewals (>\$250K-\$5M)
- Implement long-term, multi-phase road maps with post-sales customers to implement the Pentaho stack
- Continually demonstrates steadfast commitment to customer satisfaction, every quarter, while taking on new customer projects

Senior BI Consultant 06/2012 - 12/2015

Pentaho Corporation, San Francisco, CA, USA

- Customer-facing consulting on entire Pentaho Analytics stack (data ingestion through reporting)
- Developed solutions for small, medium, and enterprise customers
- ETL solutions integrating anything and everything from web API, machine generated, Big Data, RDBMS, flat files, lambda data
- Reporting solutions atop classic Data Warehouses, real-time reports against streaming data pipelines, interactive reporting design, hybrid Big Data and DW reporting
- Developed secure reporting and data ingestion routines

BI Consultant 12/2011 - 05/2012

Management Signals (acquired), Wilmette, IL, USA

- Implemented Pentaho Business Analytics and Data Integration solutions for customers
- Developer for Monetrix, a cloud-based data analytics service to enrich data generated by online games, mobile applications, and web applications built atop Pentaho Community Edition and other web technologies.
- Merged with Pentaho Corporation as part of Professional Services Consulting practice

BI Developer Lead 11/2006 - 12/2011

Hewlett-Packard, Palo Alto, USA

- ETL developer/analyst/QA
- Worked on next generation EDW (HP Neoview)
- Defined and developed sourcing, transformation, and reporting requirements for new projects and legacy retirement
- Sourcing analysis, data validation, dimensional modeling to support reporting requirements
- Off-shore team management
- Supply Chain, Logistics, Inventory, Manufacturing, Regulatory Compliance, Finance domain knowledge

EDUCATION

MBA 2007 - 2010

San Jose State University, San Jose, CA, USA

- Master's project: Electronic Book library service
- Developed vision, mission, goal of company using industry data
- Identified value proposition, required intellectual property around solution, assets, and proprietary rating and recommendation technology
- Identified targeted (of total) market potential, customer segmentation, marketing strategies
- Conducted business environment analysis to forecast viability of product, cost benefit analysis
- Ability to turn profit with a user base of 10K within one year

Masters, Software Engineering 2007 - 2010

San Jose State University, San Jose, CA, USA

- Developed a system to better rank and recommend case law using Hadoop MapReduce and commodity computing (AWS ecosystem). System parses 2M legal documents and aggregates user-feedback (in the magnitude of 50M user ratings and click patterns) to identify related cases and recommend suggested documents for users. Implemented using Java.

B.S. Computer Science 08/2001 - 06/2006

Howard University, Washington, DC, USA

- C, C++, .NET, Java, Lisp, Smalltalk, ASM
- Software Systems Design
- Algorithms
- Bioinformatics (graduate class)