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Summary

I'm a Data Analyst, Visualization Engineer and Programmer, looking for a Developer role where I can further my experience and contribute with my customer-side exposure and well-rounded data analytics. I have worked with enterprise data for Fortune 100 companies, as well as gathering data requirements, designing and maintaining reports/KPI's.

Skills

Frameworks and libraries: Ruby on Rails, Jekyll webpage templating, d3.js(data visualization), asset pipeline/minifying/integration using Grunt.js, SCSS/Sass, Version Control (git), VBA for Office Suite, Windows Scripting Runtime

Collaboration/Business Environment: Excellent analytical, communication and problem-solving skills. TDD approach to projects. Experienced in Development - Testing - Production workflows. Previous exposure to working with remote teams. Priority-driven, highly proficient in consolidating objectives in a team setting.

Programming Languages, Software and Operating Systems: Ruby, junior frontend design(HTML/CSS/JS), SVG/d3.js(front-end data visualization), Python scripting, SQL + Query optimization in Oracle and PostgreSQL, Advanced Visual Basic/VBS, advanced Excel reporting, LATEX, Unix (Bash/simple scripting and Cron jobs), Microsoft Office Suite, Unix(Debian), Mac OS, Windows XP/7/8

Natural Languages: Native Spanish, Intermediate Japanese, basic Korean and Mandarin Chinese

Projects

Frontend Metrics visualization: Developed frontend reporting solution for FL Supply Chain. Used d3.js for data visualization and geographical rendering of TopoJSON data. Implemented exporting to Excel/CSV functionality. Used Bootstrap mixins for customization and asset pipeline workflow with Grunt.js

Report development for Frito-Lay Supply Chain: Created full tool solutions in Excel VBA for thousands of users (data input, reporting, business-critical use), using a Windows 2008 R/2 server as backend.

ETL for Frito-Lay National Metrics: Maintained Oracle instance with national Supply Chain metrics for Frito-Lay US and Canada. Power-user in Oracle environment (CREATE, DROP etc privileges). Created scripts for automated data pulls and log tracking in VBS.

Experience

- **PepsiCo - Frito-Lay North America** — Plano, TX

  Supply Chain Planning/Transportation Assoc. Analyst — *Jan 2013 - Present*

  - Generated and reported key national Supply Chain metrics (Fill Rate, DOH, Demand Accuracy), for Frito-Lay US and Canada on an ongoing basis
  - Maintained data integrity and data collection scripts for all Frito-Lay Supply Chain reporting
  - Developed transportation loading and warehouse reports in MS Access

- **Texas Instruments, Inc**   Dallas, TX
  Operations - Microcontrollers Business Planner   *Jan 2012 - Dec 2012*
    - Managed cradle-to-grave manufacturing support and worldwide shipment of device portfolio from planning to EOL stages
    - Harnessed Oracle Business Data Warehouses for Material Master, shipping, revenue and inventory data mining

- **PepsiCo - Frito-Lay North America**   Plano, TX
  Internship - Strategy and Business Innovation - Systems Integration   *Jan 2010 - Dec 2011*
    - Interfaced with Warehouse and Demand Planning systems to provide decision support
    - Designed and Implemented reporting tools for Transportation and Business Innovation teams

- **Bell Helicopter Textron(BHT)**   Hurst, TX
  Internship -Computer Aided Design and Manufacturing IT   *Jun 2009 - Oct 2009*
    - Security Clearance -Military Designs and ITAR-class Material
    - Collaborated in testing and development environments for mission- critical applications
    - Developed Unix script solutions to customer specifications

- **Exel Transportation Services**   Plano, TX
  Internship - Capacity and Product Analyst   *Jun 2008 - Dec 2008*
    - Documented and reported requirements for database restructuring
    - Managed Vendor compliance for transportation carriers
    - Restored database integrity in $1M database project

Education

- **M.S. Supply Chain Management**   GPA: 3.72
  University of Texas at Dallas   *Dec 2012*

- **B.S. Operations Management, Minor in Computer Science**   GPA: 3.94
  University of Texas at Dallas: Summa Cum Laude, Dean's List   *Dec 2011*

- **Donnguk University-Seoul, South Korea**   March-Jun 2010
  MIS Exchange Program   *GPA: 3.95*