JAMES A. GLUTTING
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SUMMARY:

SOFTWARE ENGINEERING SPECIALISTS, INC. | Canton, MI.
Owner of an independent IT consulting firm since 1995 (www.softwarespec.com)

More than 10 years experience in web technology writing applications in PHP4, PHP5, Javascript, Jquery, HTML and CSS using either MySQL or PostgreSQL SQL relational databases; serving clients in the food service, warehousing, manufacturing, wholesale, medical / dental, and advertising and marketing industries.

RELEVANT EXPERIENCE:

ON-LINE WEB SITE DEVELOPMENT:

www.youronlinedealer.com (2014) – Search for and purchase a vehicle on-line
- Designed MySQL database to contain multiple brands of vehicles, features, and photos
- Wrote complex search engine to find vehicles combining 11 categories and 70+ options
- Integrated chat software to enable video & audio conferencing to purchase a vehicle
- Developed a nightly automatic import process from the vehicle inventory management system

www.eatondetroitspring.com (2012-2014) – On-line product lookup by vehicle
- Converted MS Access and MSSQL database with 10,000 vehicles and 3,000 products
- Created MySQL database to contain vehicle springs, shocks, and attaching parts
- Designed and wrote search engine by year, make, model, body style, & engine using AJAX
- Auto populates a customer order with the products selected from the search results and applies dealer discounts
- Authored web back-end applications to add / update products, vehicles, and dealers; searches & exports

Room Scheduler (2014) – Room scheduling in large office buildings
- Upgraded this application from PHP4 to PHP5
- Added Bi-weekly scheduling, 24hr advance reminder emails, equipment report, and other features

Food Ordering (2010) – On-line food ordering for a large food wholesaler
- Built order entry to allow for multiple lead times and orders up to 90 days in advance
- Integrated orders into WebERP package and with their Unix application server

INTERNAL BROWSER BASED APPLICATION DEVELOPMENT:

Developed Business Applications (2001-current) – C*ustom applications to manage the business divisions*
- Contracted by the largest food service management company in southeast Michigan to build custom management applications such as fresh food ordering, vault accountability, labor analysis
- Automated daily bank transactions, importing A/P invoices, daily cafe sales from POS to provide operational efficiency along with transparent management reporting.
- Built all applications to be browser-based allowing usage from any local, remote, or mobile device

Market Fresh Food Ordering (2014) – *Order weekly fresh food for 50 stores*
- Designed a PostgreSQL database for importing past weeks sales and creating new orders
- Forecasts next week's order based on last 2 week's sales and suppliers & driver delivery schedules
- Established order management to allow entries by day and store with weekly summary orders emailed to suppliers showing all stores and daily / weekly order requirements

Daily Vault Processing (2011) – *Provides daily accounting of collected vending routes*
- Developed a PostgreSQL database for daily accounting by user of money counted by route
- Imported all user counted routes from vending MSSQL database to daily reconciliation worksheet
- Created automated emails to management staff when reconcilation is complete

Labor management & analysis (2005) – *Labor forecasting, scheduling, and reporting*
- Built weekly sales and labor forecast capability for 50 cafe managers with reports for actual sales and inventory
- Created a PostgreSQL database to store weekly data and export to G/L weekly flash reports

COMPLEX DATA CONVERSION (2005 – current)
- Developed 9 dental system data conversions (each with 12+ programs) to convert patients, appointments, insurance coverage, charges & payments into Eaglesoft file formats
- Converted time keeping and payroll exports into G/L entries for weekly flash reports

DENTAL OFFICE MANAGEMENT SOFTWARE (1981 – 1996)
- Designed, developed, and managed a software team for product deployed in 600+ offices.

TECHNOLOGIES:

Languages: SQL, PHP5, Javascript, Jquery, HTML, CSS, Progress 4GL, Unix / cmd scripting
Databases / Files: MySQL, PostgreSQL, MSSQL, MS Access, Progress, csv and text files
Operating Systems: Linux, Unix, MS Windows platforms
System Servers: Linux, Windows, File, Application, Web, Email, other services

ORGANIZATIONS: Board Member of Michigan User Group (an Open Source user group) since 1991. www.mug.org
Member of Plymouth Chamber of Commerce since 2010