EDWARD J. TOMAYER

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PROGRAMMER ANALYST

DATABASE TOOLS | TECHNICAL CONSULTING | .NET FRAMEWORK

Technically sophisticated software engineering and development professional offering more than 18 years of experience building software, database, and Web tools tailored to specific business needs as both in-house and contracted development expert. Demonstrated ability to assess needs and guide development and integrations between teams of physically diverse resources. Proven successes adding value and enhancing ROI based on end of pipeline performance.

AREAS OF EXPERTISE:

- Application Development
- Software Design
- Conversions & Migrations
- Change Management
- Project Management
- Web Tools
- Client / Server Applications
- Triggers & Stored Procedures
- Reporting & Metrics
- Budget & Resource Estimates
- Consulting
- Process Improvement
- Contract Management
- Negotiations
- User Training & Support

TECHNICAL PROFICIENCIES

Languages: C#.Net, VB 6, PHP 4/5, JavaScript, CSS, AJAX
Platforms: MS Windows, Open Source Linux, UNIX
Tools: MS Office Suite, QuickBooks
Database: MySQL5, MS Access

PROFESSIONAL EXPERIENCE

SUNQUAKE SOFTWARE SOLUTIONS, INC., Vancouver, WA   1997 – Present

Chief Programmer Analyst / Principal

Partner with clients to plan, design, and develop applications tailored to each client's unique needs and business culture. Team with operational staff, IT resources, and functional business unit leaders through conceptualization, development, testing, and turnover. Manage product implementation and post-implementation tuning including planning and change management. Enhance end product by anticipating client's unspoken needs and interpreting imprecise requirements based on in-depth understanding of business setting. Oversee contract negotiation, project budgets, resource estimates, and project P&L.

Key Projects and Achievements:

- **PIMG Consulting:** Developed VBA application to automate the creation of Excel tables and charts with export and integration with Word.
  - The application saved many hours of copy/paste manual work and standardized the final reporting in Word as the charts and tables were copied to Word via VBA into specific locations in the document. Further, several repetitive data entries were automatically filled from the Excel file such as Company Name and Dates etc.

- **J. Holt & Associates:** Developed VBA applications to automate several data entry processes.
  - The resulting improvements increased productivity by 25%.

- **IDL World Wide**: Developing conversion of MS Excel spreadsheet with Photoshop label creation into on-line, web based application with rules based database inputs and auto label creation.
  - Application runs on Red Hat Linux with Apache 2.x, PHP5.x, and MySQL 5.x.

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- **SEH America, Inc.**: Delivered expert support for legacy applications and tools in 24/7 production environment. Teamed with management, sales, production, and internal IT staff to plan and execute software enhancements and upgrades as technical project manager.
  - Applied extensive knowledge of VB 6.0, VB.Net, MS SQL Server 2000/2005, Oracle 8i to meet changing production requirements and create reports for internal and external customers.

- **Dazzling Designs & Apparel**: Designed and implemented custom C#.Net application integrated with MySQL 5 database running on Linux Ubuntu server. Built Quotation, WIP Tracking, Reporting, and Web Shopping Cart price maintenance processes.
  - Designed and developed Reporting system using PHP5, HTML, and AJAX. Reduced administrative overhead while improving management analysis capabilities for invoice generation and reporting. Interfaced shopping cart with third-party provider.
  - Partnered with provider to remotely design, test, and implement enabling seamless integration.
  - Gathered requirements and recommended hardware. Identified and remedied bottleneck in quotation system that improved product performance.

- **Cascade Aluminum**: Designed and developed custom inventory management solution designed to reduce paperwork, improve visibility, automate invoice printing, and enhance efficiency of order entry process.
  - Developed, installed, and configured MySQL 5 database running on MS Windows.
  - Created reports using VB 6.0 and trained staff in tool use.

SEH AMERICA, INC., Vancouver, WA   1988 – 2004

Programmer Analyst

Designed, developed, and enhanced software tools supporting 24/7 manufacturing operations for international provider of silicon wafers. Identified, planned, developed, and implemented solutions in partnership with staff representing engineering, sales, management, operations, production, and IT. Served as primary interface between EPI Production and IT. Teamed with engineering, QA, management, and IT staff across physically diverse U.S. locations to plan and develop new product and information solutions.

Key Projects and Achievements:

- Designed, wrote, and developed award winning Visual Basic and MS SQL Server communications application for key factory tool that provided database read, retrieval, storage and reporting capabilities to SEH engineers and customer. Completed project under budget and ahead of schedule that directly supported first contract award as "Sole Source Provider".

- Rewrote Visual FoxPro application using Visual Basic, and MS SQL Server enabling integration with proprietary inventory control system resulting in unprecedented reporting accuracy.

- Developed and implemented Visual Basic, MS SQL Server, and Oracle application that reduced cycle times 20% while minimizing inventory to 10% of previous levels.

- Served as key team member for mirroring of Japanese factory practices at U.S sites.

- Advanced through progressively responsible positions including Process Technician, Process Engineer, and Senior Process Engineer due to superior operational knowledge and professionalism.

EDUCATIONAL BACKGROUND

Master of Engineering Management | Washington State University Vancouver, Vancouver, WA

Bachelor of Science in Physics | Central Washington University, Ellensburg, WA