

Edwin R. Paay

4102 N. Bryce Canyon Ave.
Meridian, ID 83646
(208) 331-5329

Development Manager, Enterprise Architect, Senior Software Architect, Software Developer, Consultant.

Objective

To find a long term position where my skills will make a significant contribution to the Enterprise.

Recent Employment Experience:

Current

Hewlett Packard, Boise ID.

Senior Software Engineer / Consultant

Currently working on implementing the Tridion Content Management System on the HP Shopping web site.

Technical Environment and Tools Used: SQL Server, C#, Visual Studio 2008, Tridion CMS.

8/2006 – 3/2009

URS – Washington Division – Boise ID

Manager, Software Development and Lead Software Engineer

- Achievements at URS:
 - Built up and mentored a team of software developers, including Database, UI and Architecture specialists and documented the best practices for this team.
 - Set up and maintained a SharePoint Team & Project software development intranet site.
 - Created and documented a version of Agile Development Methodology suited to the URS IT environment and culture.
 - Directed the design of a suitable SOA based software development framework including Microsoft's Entity Framework and WCF.
 - Directed the design of a U/I framework using WPF.
 - Actively worked on several projects as lead developer such as: Computer Aided Estimating System (an expert system used to estimate large scale construction and engineering projects), Mobile Cargo Tracking and Field Measurement System etc.
- The Software Delivery department delivers custom developed applications mostly based on Microsoft .NET development. As manager I fulfill a number of roles as required for a project's success such as Team Leader, Solution Architect, Project Manager and Business Analyst.

Technical Environment and Tools Used: Windows Mobile 5, Windows Server 2003, SQL Server 2005/2008 both mobile and server editions, C#, Visual Studio 2008 / Team Foundation

Server and Mobile 5 SDK, VBA, Microsoft Access, Oracle 10g, Compuware Test-Partner,
Enterprise Architect, Microsoft SharePoint, ASP.NET, JavaScript, XML, DHTML, Ajax.

Skills and Technology Summary

Technology Experience

Current in the following technologies used in recent projects:

Methodology	Agile development techniques.
SQL Server 2000-2008	Database Design and T-SQL.
ADO.NET	Database access and coding.
ASP.NET	Web Based application design and coding.
C#, VB.NET	Most projects call for C# but have completed several projects in VB.NET.
Delphi	In past years have used Delphi extensively.
C/C++	Developed WIN32 applications in C and C++.
JavaScript	Used JavaScript in web based applications for DHTML scripts and Ajax like applications.
HTML/DHTML/CSS	Developed a number of applications starting in the late 1990s for the web using HTML and DHTML as well as the use of style sheets.
Win-Forms	Developed standard Windows applications using Win-Forms controls.
LINQ	Used various forms of LINQ (LINQ for SQL, LINQ for Objects etc.) in recent applications.
WCF, Entity Framework	Most recent project used Entity Framework, CSLA, WCF and WPF technologies
MS-Access, VBA	Have written a number of applications in Microsoft Access and tend to use it a prototyping tool.
Crystal Reports	Have used this reporting engine for many reports.
Dev-Express	On recent projects have used Dev-Express components and report generator to good effect.
Java/J2EE	I am familiar with the technologies but have not produced any commercial applications with it. However, would not take much time to switch to these technologies.
Oracle	Have recent experience with Oracle 10g and PL-SQL

Management

Team Management (teams of 2-30), Project Management, Budgeting, Team Member Evaluations, Mentoring Team Members, Conflict Management and Management Reports.

Enterprise Architecture

Building Enterprise Frameworks and Repositories according to industry best practices (Spewak / Zachman) for both Government and Enterprises. Solution Architecture leveraging Information, Technology and Business Architecture Repositories.

Methodologies

Object Oriented Programming and Modeling, Database Modeling, UML, Agile Development, Rapid Application Development, Microsoft .NET Framework. SOA and multi-tiered client server techniques.

Tools and Applications

Systems Architect (Popkin/Telelogic), Rational, Visio Enterprise Architect, MS Project, MS Access, Visual Studio .NET, MS Office, Compuware Test Partner, Code-Smith.

Summary

- More than 20 years experience in I.T.
- Experienced in managing software development teams and development methodologies. Skilled in translating the needs of the business stakeholders to technical requirements and translating technical issues into language the business community can understand.
- Experienced in full life cycle development, including formal requirements analysis, risk management and project documentation.
- Experienced in Enterprise and Solutions Architecture methodologies (Spewak / Zachman). Building Enterprise Architecture Repositories and frameworks. Including documenting AS-IS / TO-BE, Sunset, Twilight, Current and Emerging Technologies.
- Experienced in Modeling Business Processes (UML), not limited to but especially as related to Service Oriented Architecture and multi-tiered client-server technologies. Process Engineering and IT Governance.
- Quickly conceptualizes requirements and able to communicate these to stakeholders and technical staff via presentations, diagrams and models.
- Skilled in interpersonal communication, leadership and team building.
- Negotiates with stakeholders and manages constraints of scope, cost, quality, time and client satisfaction.
- Develops clean easy to maintain, well documented applications, usually at a much faster rate than average.

Past Employment Experience:

2000 – 2006 Consulting

During this period I worked for various Consulting Companies. Below are the projects I worked on starting with the most recent as a consultant or contract programmer:

Client: Humana – Louisville, KY

Software Architect, Senior Consultant

- The project was for the Health Savings Account division designing an automated system for creating and sending letters to HSA subscribers.
- The system was built using C# and .NET technologies using SQL Server as the database.
- Responsible for designing and coding the software in C# but also including design specifications, documentation and UML modeling.
- **Technical Environment:** C#, .NET, SQL Server, Agile, UML

Consultant for Ciber Inc. - Enterprise Architect

Client: Idaho Transportation Dept. (ITD)

Worked on a team and helped:

- Implement Enterprise Architecture (EA) solutions according to principles by Spewak and the Zachman Framework.
- Develop an EA Framework and Repository using guidelines by NASCIO.
- Analyzed the needs of ITD and developed a Solution Architecture Framework and processes to match ITD's abilities and corporate culture.
- Helped train ITD's Enterprise Architecture staff to establish Enterprise Architecture best practices.

- **Technical Environment:** Popkin/Telelogic System Architect, Visio for System Architects, MS-Project and Microsoft Office.

Consultant / Software Architect / Software Developer

Consultant for CRI Advantage.

Client: Hewlett Packard Boise ID.

- This project is a large scale web based thin client, multi-tiered client-server software system for managing Hewlett Packard's SAN Systems.
- The system was designed for a SQL Server clustered database and a web farm to service hundreds of users world-wide 24/7. The business rules tier was especially complex with varying rules for different models of SAN systems, switches and software revisions.
- Role included: Requirement Gathering, Architecture, Documentation, Software Design, Planning and finally coding in C# and ASP.NET.
- **Technical Environment:** The software was developed using Visual Studio 2003, C#, ASP.NET with a SQL Server Back-end (ADO.NET).

Consultant / Software Developer

Consultant for CRI Advantage.

Client: Snake River Farms – Manufacturing, Order and Inventory Control Software

- This project is a thin client software system for manufacturing and inventory control for export quality beef and pork products for access from various different sites.
- **Technical Environment:** SQL Server, Microsoft Compact Framework for mobile devices used for the barcode scanners running Windows CE, ASP.NET, ADO.NET and C#. Also designed web services using XML and XSD schemas to import and export data to and from hand held devices. Visual Studio 2003, the back-end database was an SAP inventory database.

Consultant for Tech-Relief LLC

Various projects were completed as consultant including:

Client: Broker Builders Inc. San Ramon CA

- Implementing critical subsystems for mortgage brokers: 1. – Loan Comparisons, 2. Real Estate Transaction downloads from MLS databases., 3.- Generation of custom reports, 4. Distribution of reports via Internet and Web Portals.
- **Technical Environment:** SQL Server 2000, VBA.NET and Visual Studio 2003.

Client: Prisma Health Care. Chula Vista CA

- Developed an electronic health database containing patient information and appointment scheduler.
- **Technical Environment:** MS-Access / VBA and Delphi.

Client: ACI – Ann Clark Associates, San Diego CA

- Developed an Employee Assistance Program (EAP) database and application for tracking usage by various clients and corporations.
- **Technical Environment:** Delphi, MS-Access, SQL Server, VBA.

5/1997 – 11/2000

Vice President, Systems Development

International Shared Solutions, San Diego CA

- Hired and managed consultants and designed various projects including:
 - “Power Design” a desktop publishing package for large scale print operations incorporating main frame databases.
 - “Total Publisher” which generates reports and publications targeting IBM, Siemens and Xerox large scale high speed printers. Managed the projects and coordinated the project team as well as participated in developing these applications.
- **Technical Environment and Tools Used:** Delphi 5, Microsoft Visual Interdev, SQL Server, MS-Access, HTML, DHTML.

Past experience beyond 1997 and references available on request.

Education

Due to my family emigrating, education was spread out over several countries starting in the Netherlands and finishing in Australia.

To qualify for immigration to the United States in 1988 my education was evaluated by a government authorized education evaluator to be equivalent to a Bachelors Degree in Computer Science.

(Documentation available on request)

The last college attended was:

Regency Park College of Electronic Engineering.

South Australia in 1981 where I studied Electronics, Computer architecture and Programming.