

TJ Trapp

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Professional Summary

Well versed in web application development utilizing Javascript, CSS and HTML.
Team leader, motivator and decision maker. Ivy-league educated.

Objective

Provide technical solutions to create cutting-edge systems

Technical Experience

Javascript, HTML, CSS, Objective-C, PHP, C#, Java
Backbone, Node, Mustache (PHP and JS), jQuery
XCode, Git, SVN, Visual Studio, TFS

Relevant Experience

Stealth Startup, Santa Monica, CA

Feb. 2011 - Jan. 2012

Lead Developer

- Architected and coded multiple websites using Javascript, HTML, CSS and PHP
- Created a near real-time single-page web application using Backbone.js as the front-end framework
- Prototyped a real-time web app using Node JS and socket.io to connect the client and server
- Built a bundling and minification tool in Java for use in our website to enable fewer client requests
- Implemented a front-end in iOS using our API and the UITableView's cell dequeuing pattern
- Optimized our iOS app to obtain close to 60 FPS by ensuring opaqueness and minimizing subviews
- Drove technical direction by performing research and doing hands-on demonstrations for the team
- Conducted coding classes to raise awareness of alternate approaches such as Clojure and NodeJS

MySpace, Inc., Beverly Hills, CA

Sept. 2009 - Feb. 2011

Lead Software Developer

- Coded features for new web site using SVG, Javascript, C#, HTML and CSS
- Lead a team of 6 engineers to build the new home page, sign up process and header/footer
- Architected and coded A/B testing platform as well as trained many developers on usage
- Lead team of 4 engineers to roll out MySpace's current home page
- Member of the User Experience committee

MySpace, Inc., Beverly Hills, CA

May 2008 – Sept. 2009

.Net Developer

- Coded song and artist management pages for MySpace music project using C#, JS, HTML
- Coded enhancements to photo management pages using Javascript, HTML, CSS and C#
- Converted the Favorites application from Cold Fusion to C#
- Refactored the account settings code base to allow for quicker code changes
- Member of the team tasked with building MySpace a better development environment
- Created the web configuration file for the Windows Server 2008 rollout

Warner Brothers Entertainment, Inc., Burbank, CA

March 2006 – April 2008

Senior Application Developer

- Member of Technical Oversight Group
- Architect / developer of financial application rewrite using ASP.Net 2.0 C#
- Coded custom business objects that inherit from the CSLA and utilize the Enterprise Library 3.0
- Full SDLC on a legal rights management system implementing Active Directory authentication
- Performed object modeling with UML using Enterprise Architect
- Interface custom application with Oracle Financials
- Perform break/fix and small enhancements to VB6 applications
- Create financial reports using T-SQL and PL/SQL, VB6 and Excel

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NBC Universal Home Entertainment, Universal City, CA

March 2003 – Sept. 2005

Senior Programmer Analyst

- Programmed client/server application, STAR, in VB6 to forecast revenue, units and costs associated with a movie title
- Programmed VBA Excel Add-Ins to interface with SQL server and Essbase
- Created Windows installer package using Wise for Windows installer; package subsequently deployed to over 30 desktops via SMS
- Responsible for all code changes to shared library modules
- Created use case, sequence and class diagrams using UML
- Installed, configured and administrated Hyperion Essbase, EAS, EIS and Analyzer
- Programmed DAL, BLL, UIControllers and Views in VB.Net for the ASP.Net version of STAR
- Test driven development using NUnit for all DAL and BLL classes
- Implemented Microsoft Application Blocks into the ASP.Net web application
- Utilized designed patterns where appropriate during development of DAL, BLL and business entity objects
- Engaged clients by organizing sessions to gather requirements and by following up to obtain sign off on generated documentation
- Created documents to outline business requirements for enhancements and new development
- Translated business requirements into technical design documents
- Reviewed design documents with developers to clarify questions related by both business processes as well as technical issues
- Participated in Sarbanes-Oxley compliance testing
- Oversaw disaster recovery testing for STAR during the intensive 2 week period process
- Provided weekly status updates to project sponsors and downstream application teams
- Trained new contractors on team standards, application coding guidelines, and provided an overview of the shared library modules
- Conducted bi-weekly peer code reviews between team members
- Managed contractors on multiple tasks to assist with development and integration testing

bigdevelopment, Costa Mesa, CA

July 2002 – Sept. 2002

Technical Lead

- Delivered database architecture and system design for bigdevelopment's first enterprise-level web application
- Earned employer approximately \$115,000 revenue in 2 months with minor database enhancements
- Drafted proposals for management on re-organizing team roles and responsibilities
- Created database architecture, including diagrams with primary and foreign key relationships, indices, views, stored procedures and backup / recovery strategy using Microsoft SQL Server Enterprise Manager
- Maintained task specific, project oriented progress reports using Microsoft Word, Excel and PowerPoint
- Communicated progress reports to clients via collaborative data tools such as Microsoft Outlook 2000 and MSN Messenger version 4+ (and similar tools)
- Educated non-technical team members and clients on new technologies such as XML, XSL and Active Directory
- Drafted, revised, and reviewed project proposals
- Estimated costs based upon project needs; incorporated estimates into project proposals
- Submitted project proposals to clients

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Myrient, Aliso Viejo, CA

Sept. 2001 – March 2002

Lead Application Engineer

- Lead team responsible for the design, development, implementation and maintenance companies new Customer Relations Management Intranet application
- \$2 million revenue discovered upon restructuring database
- \$1 million revenue generated after introducing new late fees system to Accounts Payable
- Halved operating costs implementing corporate Intranet
- Trained multiple departments on correct use of new Intranet software
- Organized and distributed project tasks and deadlines to team members
- Maintained application schedules by coordinating with multiple departments
- Developed application responsible for successfully transferring all data from legacy system into MS SQL 2000 database
- Designed internal accounting workflow processes and programmed the functionality using MS Visual Basic 6 and COM+ Technology
- Coded Trouble Tickets module capable of handling customer service requests for a DSL service provider
- Consulted with SEC officials to ensure accurateness of business rules for new billing software
- Integrated software components from multiple development teams into a workable software suite
- Configured other departments' computers (Windows 2000 Pro and Server, Windows NT, Windows 9x) for use with new software

locene Technology, Newport Beach, CA

June 1999 – Sept. 2001

Lead Application Engineer

- Managed work efforts of all developers for both client-related and internal projects
- Motivated team by tracking metrics and providing recognition after key deliverables
- Coached, mentored, and conducted regular evaluations for all non-executive employees
- Communicated technology vision and goals to development team
- Developed complex, multi-tiered, secure and scalable Internet software applications
- Identified client needs and requirements and prepared time/cost estimates for use within the proposal process
- Established and enforced all company coding standards, methodologies and documentation
- Designed and developed tools used internally to decrease development time and abstract, complex technical tasks from less-experienced or non-technical individuals
- Built development team expertise in relevant web technologies: VB, ASP, COM, XML, HTML
- Researched new technologies, evaluated their usefulness, and incorporated them into the existing architecture
- Developed applications using ASP technology in Visual Interdev editor environment
- Coded applications in VBScript, JavaScript, and HTML
- Middleware (COM) programmed in VB, utilizing ADO, SOAP, XML, and XSL technologies
- Integrated Active Directory into menu bar for administrative interfaces
- Successfully deployed numerous application versions to IIS Web Farm
- Architected databases using MS SQL Server 2000 and MS SQL Server 7
- Created and manipulated databases using MS Access and MS SQL Server 6.5
- Queried Oracle databases for information relating to application needs
- Integrated Cybersource, DCTI and Cashlynk into middleware (COM) layer
- Utilized MS Message Queuing to deliver asynchronous messages
- Remote data connections using ODBC
- Delivered content securely with use of Windows media services

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Education

University of Pennsylvania, Philadelphia, PA

School of Arts and Science

Bachelor of Arts in Sociology, May 1999

Activities: Varsity Football (1998 Ivy Champs), Phi Gamma Delta Fraternity

Significant Courses

Computer Science Engineering

- CSE 350 – Software Design / Engineering Jan. 1999 – May 1999
 - Team Based Development, Architecture Specifications, Interface & Design Specifications, Test Plans, Interface Evaluations, Documentation Preparation and Product Presentation
- CSE 330 – Database Management Systems Sept. 1998 – Dec. 1998
 - Relational, Object Oriented, Locking, Normalization, De-normalization, Normal Forms, Boyce-Codd, Indexes, Clustered Indexes, T-SQL, Query optimization
- CSE 121/131 – Programming Languages & Techniques II Jan. 1998 – May 1998
 - Java, Object Oriented, Unix, Emacs
- CSE 120/130 - Programming Languages & Techniques I Sept. 1997 – Dec. 1997
 - Scheme, ML, Arrays, Conditionals, Recursion, Lists, Functions, Searching, Sorting, Unix, Emacs

Software Projects

STAR, NBC Universal Home Entertainment

March 2003 – Present

Overview: SOX complicant financial forecasting application.

Role: Senior Programmer Analyst

Implementation: Client-Server, VB6, Hyperion Essbase, SQL Server 2000, Excel 2000

Summary: A budgeting and forecasting tool for the Home Entertainment business built upon Essbase and SQL Server technologies. STAR produces a three-year ultimate and an in-year forecast for each title by customer, territory, format, window, fiscal week, and local currency. Actuals data is extracted from a DB2 datamart, transformed and loaded into Essbase using Hyperion EIS. Forecasts are produced by applying decay-curve and regression-based formulas. Financial analysts create ad-hoc reports using the Essbase Add-In for Excel. Client-server application deployed using Microsoft SMS enterprise installation technology.

Operational Support System, Myrient

Sept. 2001 – March 2002

Overview: Intranet application that reduced company operating costs by increasing employee efficiency. Software also referred to as OSS.

Roles: Project Manager, Lead Application Engineer

Implementation: ASP, COM+, n-tier, IIS 5.0, Clustered SQL Server 2000, Visual Basic

Summary: OSS provided the admin with customer management, and customer account management. A product database was available, enabling the sales force to create orders. Engineers fulfilled orders and recorded the changes in OSS. To handle customer service needs, a 'trouble ticket' workflow process was built into OSS. OSS Feature List: Invoice customers regularly, edit invoices, print invoices, post payments to customers accounts, adjust customers accounts, credit customers accounts, create new customers, send customers to collections, create new orders, fulfill orders, store unique configuration information for each service or piece of hardware provided to customer, trouble tickets management, workflow management.

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World-eCash, locene

June 2000 – Sept. 2001

Overview: Secure, fault-tolerant payment processing gateway.

Role: Lead Application Engineer

Implementation: ASP, COM+, n-tier, IIS 5.0, Clustered SQL Server 2000, Visual Basic

Summary: Features include credit/debit card transaction processing, fraud-protection services, charge back reconciliation, recurring charge system, remote user management, content management, affiliate referral tracking, asynchronous payroll system, multiple merchant account and processor capabilities, and extensive web-services exposed via SOAP.

Bondspectrum, locene

June 1999 – Sept. 2001

Overview: Municipal bond trading web application.

Role: ASP Developer

Implementation: ASP, VB Script, MTS, COM, MSMQ, Cybersource, UPS, WinNT4 & 2000

Summary: Features include multi-tiered architecture, complex bond-pricing capabilities, trade transaction processing, and clearinghouse communication/integration.

Skeletonware, locene

June 1999 – Nov. 2000

Overview: Customizable B2C and B2B e-Commerce web application.

Roles: Project Manager, Lead Application Engineer

Implementation: ASP, VB Script, MTS, COM, MSMQ, Cybersource, UPS, WinNT4 & 2000

Summary: Features include multi-tiered architecture, asynchronous order processing, content management system, multi-level pricing, credit card transaction processing, fulfillment partner integration/communication, and affiliate referral tracking. Completed custom installations for BigBusinessBid.com, SwingSolutions.com, SportsHabitat.com, and StyleU4ea.com.