Michael Hauck

4141 Umatilla ST, Denver, CO 80211   (303) 579-2212   mike@mikehauck.com

OBJECTIVE

To work in a professional environment that will be challenging and that will benefit from my development experience.

RELATED WORK

Owner/Contract Developer, MikeHauck.com LLC., Denver, CO, January 2019 – present:

- eDesignTribe.com – Implemented SAAS web platform that provided business tools for interior designers. Using a Linux, .Net Core, MySql stack: integrated with Kartra for e-commerce and membership management, created member directory, product data integrations with WooCommerce and other proprietary data sources, created mood board builder for designers to share products with clients and purchase products with affiliation codes, and integrated Coohom floor planning online software with bill of materials download to mood boards.
- eToolWorks – Build multi-tenant e-commerce platform for selling various types of products. The system built had backend admin site for tenants to manage customers, orders, products, complex pricing, media, and articles. Built frontends to tenant specifications that pulled data from api and included authentication and e-commerce with payment provider integration. Tech stack was Windows Server, IIS, MS Sql, .Net Core; all hosted at AWS.
- Mincredo.com – Integrated with Wix (which provides membership and e-commerce) to custom web application that allows customers to access and search proprietary data. Tech stack is Linux, .Net Core (API), Angular (frontend), and MySql, all hosted at AWS using EC2, RDS, S3 storage, and CloudFront CDN.
- Proprietary Electron desktop application – Using html, css, and javascript, built a desktop app using Electron. Work included converting scientific math equations and algorithms from Visual Basic app to javascript and C# Electron "backend".

Owner/Developer, QuantHound LLC., Denver, CO, March 2017 – December 2018:

- Designed and implemented a back-testing platform for financial market (stocks and foreign currencies) trading strategies. Utilized C#, SQL Server, and WCF to build a multi-server multi-threaded platform to process historical data, storing results for further analysis in the database.
- Utilized NinjaTrader (ninjatrader.com) C# API and Protrader (protrader.org) C# API to write custom chart indicators for each platform to identify potential trading opportunities.

Senior Developer, Association Technology Solutions, Denver, CO, March 2007 – March 2017:

- Developed portions of ATS's web services product. Using C#, MS SQL, and iMIS's API, developed event registration web service. Work also included ongoing troubleshooting and extending functionality for entire web service suite.
- Designed and implemented an online event registration application. Worked with C#, MS SQL, ASP.Net, Telerik controls, and AJAX. This app was a single page application, requiring heavy use of AJAX and dynamically created controls to manage page content; it also included payment processing using Payflow Pro's API.
- Wrote console application utilizing C# to integrate iMIS data with Jive (jivesoftware.com) collaboration software. Application would detect new user records on each end and create them in the other system, giving access permissions in Jive based on iMIS profile data. Application was automated using Windows task scheduler and created log files for troubleshooting purposes.
- Wrote console application utilizing C# to call ATS web services and Magento (magento.com) RESTful API to integrate iMIS with Magento. Application retrieved new/updated user information and new eCommerce transactions from Magento and stored them in iMIS on a scheduled basis using task scheduler; with log files for troubleshooting.

Web Application Developer, Financial Planning Association, Denver, CO, July 2001 – March 2007:

- Designed and implemented an online test taking application using Cold Fusion and Access.
- Led conversion of membership database from Protech to iMIS. In conjunction with iMIS business consultant, documented business processes and learned iMIS schema. Created SQL scripts to migrate member profile data and transactional data (dues history, event registrations, etc.) Ongoing responsibilities included troubleshooting data issues, writing SQL queries for other department's reports, and upgrading iMIS system.
- Designed and implemented a Chapter Administrative Portal for chapter leaders to manage member information stored in iMIS, utilizing ASP.Net, C#, and SQL Server.

Senior Internet Developer, IQdestination.com, Englewood, CO, January 2001 – July 2001:

- Integrated a third-party learning management system in IQdestination's web application using Cold Fusion 4.51 and MS SQL
- Mentored junior level developers
- Created a system process using Visual C++ that monitors critical processes and restarts them when necessary

Senior Internet Developer, CyberLoan.com, Denver, CO, September 1999 – December 2000:

- Designed, implemented, and maintained a commercial real estate loan-inquiry internet application which manages over 1000 brokers/borrowers' loan projects and 500 financial institutions' lending criteria; average monthly deal flow exceeds $1 billion
- Designed, implemented, and maintained a virtual lending system that allows individual brokers to leverage above loan-inquiry technology into their own web presence
- Developed a CFX tag using Visual C++ and ActivePDF to dynamically generate PDF files for loan-inquiry system
- Administered the following servers: Windows 200 Advanced server, Internet Information Server 5.0, Cold Fusion Application Server 4.51, Microsoft SQL Server 7.0, and Post.Office Email Server; responsibilities included migrating to a new colocation facility and setting up hardware at ViaWest.

Web Developer, Lucent Technologies, Westminster, CO, May 1998 – September 1999:

- Administered the following servers: NT Server 4.0, Internet Information Server 4.0, Cold Fusion Application Server 4.0, and Microsoft SQL Server 7.0
- Designed, implemented, and maintained a MS-SQL database that manages project data for Lucent's Global Learning Solutions' information developers
- Developed and maintained a Cold Fusion web application that manages dynamically created web sites; the scope of this project is about 150 templates that manages user sites and content
- Designed and implemented a custom Cold Fusion tag using Visual C++ to authenticate users against multiple NT domains, allowing dynamic security features to be implemented in web sites
- Created applications with Cold Fusion and JavaScript for Intranet web site; tools such as an announcement tool, department member profile tool, and a graphic art information and file tracking tool

C++/Database Developer, KN Energy, Lakewood, CO, June 1996 – December 1996:

- Implemented an asynchronous scheduling system using C++ that routes database records between multiple Sybase and Oracle servers
- Worked with third-party software vendors on interfacing KN Energy's scheduling system with vendor's API's
- Trained other interns on current development and implementation efforts

Teaching/Lab Assistant, University of Colorado at Denver, Denver, CO, 1995-1998

- Teaching and Lab Assistant for Computer Organization and Assembly Language course
- Worked in Computer Science department student lab, working with students to solve problems in a variety of computer science related subjects, such as, C, C++, algorithms, and data structures

EDUCATION

Bachelor of Science in Computer Science and Engineering, University of Colorado at Denver:

- GPA 3.7, note: one semester short of graduation
- Studies includes, C, C++, Assembly Language, Perl, Java, Algorithms, Computer Vision, Computer Graphics, Robotics, Data Structures and TCP/IP programming
- Dean's List, 1993- 1998, Tau Beta Pi, inducted 1996, Outstanding Junior in Computer Science & Engineering, 1995-1996

Association for Computing Machinery, U.C.D. local chapter, member since 1995:

- Held the position of Chairman for one year
- Part of a group of students that held HTML, CGI, Java, and Web page development seminars for the students of U.C.D.
- Worked with a small group of fellow students to design and implement a web-based remote-controlled camera system.