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PROFILE: Web-based System Architect/ Designer/ Integrator, with exceptional written and verbal aptitude. Proficient in project conceptualization/implementation, software/database design & proven management skills. Extensive use of Agile & Scrum Methodology from initial design phases through to Alpha/Beta testing & field resolutions. Developed & successfully used several project management systems to manage both sales & engineering teams.

PROFESSIONAL EXPERIENCE:

03/2022 - 01/2023 - RiteHous Inc ♦ Middlebury CT ♦ CTO/Software Engineer

Developed web-based systems (using PHP & mySQL database) producing fully automated controls of the real estate buyer/listing agent process. Tracking of email time-stamps allowing for data analysis of reaction times by all parties. Worked w/ senior management team to position prop-tech software & database structures in order to pitch to investors.

05/2011 - Present ♦ FoodNowUS ♦ Glastonbury, CT ♦ CTO/ Creative Director Senior Software Architect/Engineer

Developed and implemented: (all web-based, using PHP, MySql, Javascript, jQuery, Ajax, HTML & CSS). Managed Graphic Designers, Web Developers & Software Designers using SDLC methodology. Completed projects extended from conception to testing to rollout:

- a **100% visual (Augmented Reality) online custom food, real estate & general eCommerce systems** (100% data-driven). Includes a mini-cart with customizable separate pickup & delivery options, also with custom daily time ranges. Includes POS inventory controls. Implemented real-time breakdown of nutritional tabulations as salads are custom-made by the consumer online, even if the salad is NOT ordered.
- an advanced **Content Management System** for food menus including custom online ordering of meals & catering. Website design (including WordPress) incorporating all above software languages. Developed successful training programs & instructed businesses with all phases of web development.
- an **mCommerce System** (mobile eCommerce). Included a wholesale add on, which included online tax-exempt document registration system and customized pricing & shipping restrictions for wholesale customers.
- an online **Food Ordering System** for complex meals including pizza, salads, sandwiches, catering & cakes. Included secure sales rep activation of ordering (using master password access) and automated control by user-controlled scheduling.
- **“eCentive” Systems** (eLoyalty & eCoupon programs) that offered digital coupons to website customers while capturing email addresses for further digital marketing. Developed SEO & email campaigns to market websites.
- Designed and implemented strategic sales plans and played a leadership role & managed a sales force in order to educate, present and sell FooNow products/services to a variety of food

establishments. Collaborated with other web designers to integrate our web plugins into their websites.

- Created and managed multiple web accounts (Some reseller, other simple add-ons) with cPanel (Santos 6.10) V8 6.0.29) as a WHM-root user. Created and managed multiple email accounts for users and resellers.
- Created and managed a constant contact campaign, configuring cPanel accounts to ensure total transparency for over 12,000 emails.
- Managed filezilla (secure FTP) to manage back ups and other server activities.

Extensive use of PHP MyAdmin configuration, management & design of MySQL databases. Configuration of php.ini & Apache config through WHM(root) & via command line. Included integration of HTML.Javascript, JQuery & CSS.

03/09-05/11 ♦ 2001 Company Inc. ♦ Waterbury, CT CIO/Office Manager

Managed software development & office personnel:

- Responsible for timely deliverables from all staff, including accounting, cad/cam designers, writers, outside sales staff input, html developers etc... Managed coordinated efforts/material for the company website.
- Developed a user-friendly website, incorporating a web-based, multi-tiered document management system incorporating a log-in **Content Management System** for varying levels of password access.
- Responsible for client, sales team, and employee education.
- Developed and implemented a PC-based **Workflow/Project Management System** incorporating the in-house document management system for purposes of project execution and completion. Comprehensive project details, such as time-line/deadline tracking, goal setting, and detailed cost tracking were implemented. Extensive reporting and auto-emails (with attachments) was incorporated for company owner notification/review.

The Citizens of the Planet Earth website - (created from 'the ground up' in PHP/html):

- Developed and implemented a social media (political) social media platform with multi-layers of secure password access and auto-email verification. The system allows registered users to "vote" and enter private/public opinions of political subject matter, with direct links to FaceBook.

08/02 to 03/09 ♦ DataTrack Software ♦ Wolcott, CT.

PHP System Architect/ Html/ PHP/ MySql/ MS FoxPro software designer.

Responsibilities and Achievements:

VP of Operations/Director of Marketing/Business Development

Manufacturers of software solutions for a variety of small businesses including brokerage firms, manufacturing, P.O.S. retail, auto repair, and a host of specific service industries.

- Developed financial software solutions using *Building Block Technology*.
- Responsible for Client/Team Education and management of company personnel.
- Managed the marketing, distribution and sales of *DataTrack Software Products*
- Successfully managed multiple pre-sales, training, presentations and closings, significantly expanding market share. Extensive use of FoxPro Software & Relational Databases.
- Developed a Java-based CRM application with programmable, data-driven (JDBC) swing controls (jdk 1.3.1 and 1.4.2)

07/01 to 8/02 ♦ IPC Information ♦ Fairfield, CT. – Senior QA Systems Engineering Manager

Responsibilities and Achievements:

Responsible for design of automated testing for **IPC's CTI** (Call Center PC-based telephone system) using **Seque's Silk Test Suite**. Required detailed design and integration with the **CTI java-based** application synchronized with **IPC's World Turret** (PC-based java applet), in order to truly simulate real-world telephone and network traffic. Used **MS SQL Server 7.0** and **Apache Web Server** extensively during testing and debugging of the **CTI** application. Worked with **CTI** developers to debug and resolve product defects. Extensive use and configuration of **MS Windows NT and Windows 2000**.

Designed System test plans, installation, configured, and tested, **IPC** advanced telephone systems for brokerage firms. As **Senior QA Systems Engineer**, managed 3 test engineer's test plan designs, their execution of testing and adherence to deadlines. Attended/directed high level meetings to report progress to senior management.

04/99 to 7/01 Dynalivery Corp., St. Louis, MO. - Sales/Systems Engineer reporting to CEO .

Responsibilities and Achievements:

Performed the installation, configuration and system integration of **Dynalivery's Parallel Crystal** Report Server (middleware) software product on the following Web Application Servers: **Adobe ColdFusion/JRun Application Servers** (designed middleware Web applications using ColdFusion custom Java Tags), **Oracles's WebLogic(BEA) Server** (using Java EJB, and JSP), **IBM's WebSphere Application Servers** and **Microsoft (I.I.S.) Web Application Server** (designed middleware, web Applications (**Intranet and Extranet**) using **ASP and Visual Basic**) and **Novell's/SilverStream Software's** (Integration included work with **Java 1.2 EJBs** and, **XML** technologies. Additional software development included ePortal 2.2 Server integration using **Java 1.2** component technology).

Additional software integration included: NT Configuration, integration with **Apache Web Server, SQL Anywhere, MS SQL, MS Access** databases and **MS Excel**. Designed extensive **Seagate Crystal Reports**, a component of Parallel Crystal. Other experience includes use of HTML and MS Office products.

Reporting to the Sales Director & directly to the CEO - conducted direct sales, presentations, product evaluations, buyer qualifications, product installations on Microsoft NT platforms, dealing directly with clients including the **Federal Reserve Bank, IRS, DLJ, General Electric, US WEST, CitiBank, State Street Bank** and other various financial institutions. Responsibilities included initial presentation & sale of complex financial systems AND the installation & integration with other web software systems & databases. Partnered w/ IBM, Silverstream software (Novell),

07/91 – 04/99:

Independent Financial System Designer/Consultant/Office Automation Specialist

♦ **Relational Database Software Developer using MS FoxPro (MS Dos & Visual)**

Custom business financial applications in a variety of industries including:

- A. R. · A. P. · G. L. · C. R. M. · Job Costing · Purchase Orders
- Brokerage Firms · Marketing Firms · Manufacturing · Automotive Service Centers
- Retail P.O.S. · Wholesale/Import · Custom Visual FoxPro, Object-Oriented applications .
- Construction Management – planning/estimating/pricing/contracts/purchasing/invoicing

Responsibilities and Achievements:

- Client interview, needs assessment.
- Project conceptualization, development, testing , implementation, and training.
- Installation and support of software and hardware including Novel networks, Software Platform -- Microsoft FoxPro. (Relational Database System)
- Marketing and promotional campaign
- Data conversions from several platforms, including Unix, Real World, ASCII, MS Access, MS Excel and Betrieve.
- Integration with and customization of DOS, Windows 3.1 and Windows 95

8/83-7/91

General DataComm, Middlebury, CT.

Hardware/Software Engineer/Alpha Test Group 11/88-7/91

Responsibilities and Achievements:

- Designed and implemented Alpha testing of software and hardware products, with an emphasis on a variety of Data Communications equipment including:
- Performed advanced testing of diagnostic datacom (NETCON) Operating Systems, associated software modules, datasets and Network Controllers.
- Played a leadership role managing a team of engineers and presented project progress, manloading & resource planning using Lotus-like(2020) spreadsheets to senior management.
- Developed Auto-test software (H.P. Advanced Basic) for “Power Supply” testing.
- Developed and implemented Auto-test software, (Atron, pseudo-Pascal) with overnight error logging. This software development completely controlled testing and controller aspects of any IBM P.C.

9/85-11/88 **Test Engineer/Digital Test Engineering ♦ General DataComm**, Naugatuck, CT.

Responsibilities and Achievements:

- Designed and implemented Auto-test circuitry and a Z80 based program that replaced manual testing, reducing test time by 2500%.
- Assumed project responsibility for auto test design and implementation
- Supervised Prototype shop personnel for construction documentation of designs, exceeding time and quality restraints.
- Played a leadership role supervising Senior Test Engineers during development of Z80-based Test software.
- Served as the liaison coordinating “*Test Trouble Reports*” between Manufacturing & Test Engineering.

2/85-9/85 **Associate Test Engineer ♦General DataComm**, Waterbury, CT.

Responsibilities and Achievements:

Developed test software (Microsoft Basic) to functionally test international and domestic modems.

- Interfaced with Design Engineering to achieve a successful “new” product flow through manufacturing.
- Developed a standard (programmer-friendly) “agile system” to greatly reduce test-program development time by 285%.

8/83-2/85 **Electronic Test Technician, ♦ General DataComm** , Waterbury, CT.

Responsible for testing and troubleshooting a wide variety of datacom products down to the component level.

EDUCATION:

University of New Haven, B.S.E.E.

Waterbury State Technical College, A.S.E.E.

University of Rhode Island, Biomedical Electrical Engineering Program

COMPUTER LANGUAGE EXPERIENCE:

- | | |
|---|---------------------|
| - PHP | - MySQL |
| - Java (Swing, XML, and JDBC) | - JavaScript |
| - JQuery | - AJAX |
| - WordPress | - Cold Fusion |
| - ASP | - HTML/CSS |
| - Visual Basic | - Visual FoxPro |
| - FoxPro Relational Database (with SQL) | - "C" |
| - UNIX | - Pascal |
| - FORTRAN | - 8080 Assembly |
| - Microsoft Basic | - HP Advanced Basic |