



CJ Romberger

Senior Technologist

collaborative • curious • inventive • resourceful

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I'm an energetic, curious, self-directed senior level database architect, systems analyst & full stack web application developer with extensive technical, entrepreneurial & management experience. My most recent experience is back-end infrastructure development using PHP and Python in a Continuous Integration/Continuous Delivery release environment.

I have a career-long history of taking on difficult projects that require new skills. I learn, ask, research, and work diligently until I successfully complete tasks and projects.

I like to teach and mentor, as much as I enjoy learning. I look for opportunities to improve processes, propose solutions, and participate in implementing them.

TOOLS *

DATABASES

DATABASES & DB TOOLS

- SQL
- **mySQL**
- Oracle
- **mySQL Workbench**
- **phpMyAdmin**
- **Redshift**
- **Alooma & Sisense**

DATA COMMUNICATION

- **AJAX & JSON**
- REST, SOAP, XML

FRAMEWORKS

- **Bootstrap**
- **CodeIgniter**
- **Smarty Templates**
- CMS/eCommerce Systems: **WordPress, X-Cart, Drupal & Snimble (custom)**
- **Dynamo Web Application Server**

LANGUAGES

- **PHP**
- **Python**
- Java
- **JavaScript & JQuery**
- **ReactJS**
- **Oracle PL/SQL**
- Perl, JSP, sed, shell

OPERATING SYSTEMS

- **Unix & Linux**
- **MacOS & Windows**

WEB SERVER MANAGEMENT

- **cPanel & Plesk**
- **Apache**
- **Dynamo Web Application Server**
- Google Cloud (course)

DEVELOPER TOOLS

- **phpStorm & IntelliJ IDEA**
- **VIM, VI**

USER INTERFACE & DESIGN

- **Bootstrap**
- **CSS**
- **HTML**
- **Javascript & JQuery**
- JSP
- **Adobe Creative Suite**

TEAM & PROJECT TOOLS

- **Basecamp & Backpack**
- **Confluence, Jira & Slack**
- **Kanban & Agile**
- **phpDocs & javaDocs**
- **phpUnit, Jasmine & Enzyme**
- **Git & SVN**
- **Camtasia, Office, Google Docs**

ROLES

TECHNICAL

ARCHITECTURE & DEVELOPMENT

- application architecture & full stack development
- business process & systems analysis
- debugging & troubleshooting
- quality assurance
- report creation & management
- software development
- third party application installs & integration
- user interface design
- user interviews & use cases

AUTOMATION & OPTIMIZATION

- change management (code & process)
- code automation & optimization
- code library creation
- framework development
- internal product development & utilities

DATABASE SKILLS

- architecture & modeling
- development
- management

DATA MANAGEMENT SKILLS

- analysis, conversion & integration
- integration & interchange
- validation

SYSTEM & USER SUPPORT

- client & user support
- network, hardware & software management
- process, system & technical documentation
- web server setup & hosting

PROFESSIONAL

LEADERSHIP & MANAGEMENT

- Development Team Leader
- Human Resources
- Mentoring
- Product Management
- Project Management
- Speaking
- Strategic Planning
- Team Development

ORGANIZATIONAL

- Branding & Marketing
- Technical Proposals
- Client Relations
- Facilities
- Finance
- Alliances & Partnerships
- Public Relations
- Sales & Technical Proposals

* **Bolded TOOLS** indicate stronger, longer or more recent.

EDUCATION

Texas State University

- BBA: Computer Information Systems (1998)
- Graduated Summa Cum Laude with a 4.0 GPA

IPEC - Coaching Certification (2005)

Java Certified Programmer – Sun Systems (2001)

Dynamo Web Application Server Courses (2000)

Oracle Education - SQL, Advanced SQL, Database Design, Advanced Database Design, Database Administration (1995-1998)

Zumba® - Instructor – Basic Level 1 (2017) – **Currently teaching at YMCA, 24 Hour Fitness, IBM and Gold's Gym**

EXPERIENCE**SENIOR SOFTWARE ENGINEER, IBM Cloud Development****1/2019-Present**

PHP, Python, ORM Technology, Microservices, SoftLayer, Git, Bash, Unix, Confluence, Jira, Agile, Kubernetes, Kafka, Microservices, goLang

Work on a team that improves and maintains the cloud management system. This system (SoftLayer IMS) is used to provision and manage Virtual Server Instances (VSIs) and Virtual Private Clouds (VPC) for IBM's cloud clients. Primary responsibility is refactoring code and working on a synchronization tool.

IMS is being replaced by an internally competitive cloud management system (NextGen). This system is microservice-based, and uses Kubernetes, Kafka, Confluent, and IBM Event Streams. PHP, Python, and goLang are the primary languages. Our team is currently transitioning over to work on NextGen. Our current project is to learn the new system and technologies, while creating tools that pass events between IMS and NextGen.

SENIOR SOFTWARE ENGINEER, Alchemy Systems**5/2017-12/2018**

PHP, Python, MySQL, React, Javascript, API, Aloomo, Redshift, Sisense, PHPUnit, Jasmine, Enzyme, Git, GitHub, Bash, Unix, Docker, Confluence, Jira, Kanban, Agile

- Recently put on small special team, tasked with high priority company initiative of implementing client-facing third party reporting tool. Primary role to date has been testing behavior of database schema changes, and creating process for schema changes across large number of databases and addressing data shifting errors. Also involved in disaster recovery planning and execution. Used Python to write extensive testing scripts. Technologies used include Python, MySQL, Aloomo, Redshift and Sisense.
- Senior Software Engineer on Alchemy's Manager Product, which interfaces with several other Alchemy products. Responsible for coding in whatever language is needed, using whatever tools are appropriate. Regular communication and collaboration with other product teams. Embrace new challenges, and thrive on using and learning a wide variety of skills and technologies daily.
- Additionally, we all take turns doing release demos for product owners, and team retrospectives. Participate in code reviews and release planning. Recently started mentoring another engineer at the request of my manager.
- Created detailed proposal for restructuring how product team distributes development responsibilities. Restructuring would more effectively allocate resources, and create valuable opportunities for deeper knowledge in each area for every team member. Opportunities for code and database improvement would be easier to see and address. My proposal is currently under consideration.
- Created plan for addressing internal technical documentation needs. When the plan is implemented, it will significantly increase each engineer's productivity, allowing the department as a whole to more quickly implement product management's road map.
- Documented current database structure, and am currently working on a draft redesign.

DATABASE ARCHITECT & PHP DEVELOPER, Self-Employed Contractor**2013-2017**

PHP, MySQL, Perl, CodeIgniter, jQuery, Unix, MySQL Workbench, HTML, CSS, phpMyAdmin, phpStorm, VI, Slack, Confluence, Jira

- Restructured & documented complex health records database (EHR) for online healthcare provider application to increase performance & security, eliminate erroneous & orphaned data, & make code more efficient. Built database management utilities for system & client admins. (for Carespan)
- Designed database structure from scratch for a web application that communicates with devices monitoring critical backup systems in data centers. The robust architecture enables correct, maintainable code & reporting, supports constant, high volume use, and is structured to allow for future application & device changes. (for Canara)
- Redesigned & coded a mission critical reporting tool, originally written in Perl. The new, documented PHP version is 30 to 100+ times faster than the original, has accurate data, and significantly frees up employee & server resources. (for Canara)

FOUNDER, CEO & CHIEF TECHNOLOGIST, Wildwood Interactive**2000-2013**

- Founded and operated a successful concept-to-completion web development agency. Performed and managed all roles at some point in company history. Clients ranged from solo entrepreneurs to national organizations in many industries. They brought us their ideas, and we brought them to life. Our 9-employee firm was known for beautiful design & robust, low-error, user-friendly systems.
 - Extensive client interaction from sales to delivery & maintenance. Primary technical roles were user interviews, application & database architect, hands-on development lead, and framework & code automation.
 - Used a wide range of technologies, languages, tools & systems, including: **MySQL, Oracle, PHP, Perl, Java, JSP, Javascript, jQuery, AJAX, REST, SOAP, CSS, HTML, Unix, Apache, Smarty Templates, X-Cart, WordPress, Custom Content Management Systems**
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NOTABLE CLIENT PROJECTS

- Boy Scout Councils, Austin & Houston - **CMS & Event Management Systems**
- Junior Achievement - **Financial Literacy Quiz**
- Schlotzsky's - **6 internal & external sites**
- Pharmaceutical review board - **Complex study submission forms**
- Texas Bankers - **Resource Library**
- **Automobile Temporary License Plate application**
- Hundreds of **Custom CMS applications** for well-known law firms, non-profits & other firms
- Several **membership, internal portal, and payment applications**
- Multiple successful **eCommerce websites**

NOTABLE INTERNAL PROJECTS

- Comprehensive **PHP Code Library** for use in all applications
- Invented, architected & coded a **code automation tool** to quickly create dynamic, custom content management systems or applications, including databases, back-end admins & user interfaces.

PREVIOUS EXPERIENCE

COMPANY

(Dates)

TECHNOLOGIES

austinWoman Magazine

(2008-2011)

- **Created & Wrote** Gadget Girl Column

Human Code/Sapient

(2000-2001)

- **Java, Oracle, PL/SQL, Dynamo Web Application Server**
- **HTML, CSS, Javascript**

Technical Lead/Lead Developer (Contract)

RX.com

(1999-2000)

- **Java, Oracle, Dynamo Web Application Server, Unix**
- **HTML, CSS, Javascript**

- Technical Lead/Lead Developer

BMC Software

(1998-1999)

- Oracle, DB3, SQL Server, other RDBMS
- C, C++, sed, awk, Java

- Software Engineer & Database Engineer
- QA Engineer

Fisher-Rosemount

(1996-1998)

- **Oracle, Oracle Financials & Manufacturing, SAP, PeopleSoft, JD Edwards**
- **Oracle Web Applications, PL/SQL, Java, HTML, VAX, Unix**

- Oracle Applications & Web App Developer
- Database Architect

Pharmaco LSR – PPD Pharmaco

(1994-1996)

- **Oracle, Oracle Forms & Reports, Oracle Case Tools**
- **Microsoft Access**
- Novell Networking
- Microsoft Windows & Microsoft Office

- Oracle Developer & Database Architect
- Help Desk: Novell & Desktop Support
- Computer Trainer

PERSONALITY

- Communicate effectively with a wide range of people
- Constantly curious, inventive & entrepreneurial
- Effective at interviewing & hiring employees
- Passionate about training & mentoring others
- Learn new languages, tools & frameworks quickly
- Recognize patterns, catch anomalies & improve processes
- Thrive doing analysis, research & writing
- Write documented, clean, efficient, tested code