

# Michael Teter – Software Developer and IT Manager

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Flexible technologist with 18 years of professional experience in software development and IT management

## WHAT SETS ME APART?

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I am able to independently identify and learn appropriate skills and technologies necessary to solve any problem. Additionally I have a solid grasp of what is technically possible and what current tools and systems are most practical for the situation.

## SOFTWARE DEVELOPMENT

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My software development experience covers a broad spectrum, from web to server to game development. My primary languages and tools include Ruby on Rails, Java, and C/C++; however, I am capable of learning and using any language or system on short notice.

I have solid experience designing databases and developing against all the major RDBMSs

Keywords: Ruby, Rails, Java, C/C++, Unix shell script, HTML, CSS, Oracle, SQL Server, MySQL, PostgreSQL

## INFRASTRUCTURE DEVELOPMENT

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I have proven experience designing and implementing cost efficient, scalable, fault-tolerant business computing systems.

Keywords: VMware, Citrix, SAN, Microsoft server technologies, Linux (many distros), OS X, Cisco

## WORK AND ACCOMPLISHMENTS

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TETER AND ASSOCIATES, LLC - CONSULTANT [COLORADO/VIRTUAL] 03.2011 - CURRENT

Developing web applications and back-end systems – Ruby/RoR/MySQL

MARTIN DAWES ANALYTICS (LAVASTORM) – SOFTWARE DEVELOPER [FORT WORTH, TEXAS] 03.2008 - 09.2011

### **Revenue Assurance and Data Analysis**

Developed business and domain rule analysis systems to help Fortune 100 clients identify billing system inconsistencies and errors, identifying millions of dollars of lost, recoverable revenue in short periods of time – Lavastorm Analytic Engine

Integrated systems and disparate data sources and analyzed large sets of data to identify patterns and root causes of switch-to-bill discrepancies – Ruby/Python/Lavastorm Analytic Engine

### **Web Application Development**

Developed web/AJAX application for Fortune 100 client – RoR/Oracle

JMC CAPITAL GROUP - CONSULTANT [HOUSTON, TEXAS] 01.2007 - 01.2008

Developed CRM and commission tracking web applications - RoR/MySQL

**IT Management**

Planned and grew corporate computing infrastructure significantly as company tripled in size and grew by a factor of 50 in data and application use

Created highly scalable, fault-tolerant data center with full remote internet accessibility - VMware ESX/SAN/Citrix/Linux/Windows Server

Guided executive management on technology and human process topics

Managed contract desktop, server, and network support staff

Developed and maintained positive relations with multiple vendors and providers

Defined corporate social policies for computing, data security, and liability

Reviewed and recommended vendors and products from accounting workflow systems to field data collection systems to engineering applications

Trained employees on applications, general computer use, corporate technology policies

Maintained secure network with only one limited virus incident in 8 years

**Development**

Developed web-based oil and gas production reporting system - JSP/SQL Server

Developed custom, comprehensive computerized worker time recording software with modules for accounting and cost tracking, supervisory approval, and payroll reporting - MS Access/VBA/SQL Server

Developed comprehensive oil and gas asset management and maintenance tracking system - MS Access/VBA/SQL Server

Created special purpose database migration and ETL tools - Java/Ruby/Python/SQL Server

Implemented content management system (CMS) for employee knowledge exchange and store - Plone

Migrated and loaded large databases from varying sources - ETL

**CELEBRITY TREASURES, INC - CONSULTANT [HOUSTON, TEXAS]**

09.2000 - 02.2001

Developed business management web applications and databases - JSP/PostgreSQL

Developed order shipping and tracking system - Visual Basic/PostgreSQL

**MCI/WORLDCOM - CONSULTANT [RICHARDSON, TEXAS]**

05.2000 - 09.2000

Developed server components for telecom provisioning system - C++/Oracle

Managed enterprise project build process - CVS/make

**PAST WORK**

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**ENSEMBLE STUDIOS; SAINT-GOBAIN; COMPUSA CORP.; NEC AMERICA; IBM; TELECHECK**

1993 - 2000

Developed software and systems in gaming, manufacturing, retail, network management, and finance

Emphasized problem solving, design/concept/user-interface, and rapid new skills development

Communicated effectively with all levels of workers, from executive to end-user

**EDUCATION**

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**PRINCIPIA COLLEGE [ELSAH, ILLINOIS]**

1989 - 1993

Bachelor of Science, Computer Science