

MICHAEL TETER

Senior Software Engineer * IT Architect * Infrastructure Manager

Batenburg, Netherlands (US Citizenship, Netherlands [freelance visa](#))
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SKILLS AND TALENTS

Broad experience that comprises many business domains, programming languages, operating systems, databases

Programming languages: Ruby, Python, Clojure, Elixir, and many others from the past

Strengths: solving any problem using appropriate (or available) tools; seeing and understanding problems and needs from varying altitudes; communicating with both technical and non-technical parties; self-studying and learning tools and technologies

WORK AND ACCOMPLISHMENTS

MICHAEL TETER – FREELANCE IT GENERALIST [NETHERLANDS]

09.2015 – CURRENT

Developed bespoke web applications – Ruby/Rails, Elixir/Phoenix

Designed and implemented payment processing and disbursement systems – Stellar Network, Bitcoin

Built custom integrations between platforms and APIs – Ruby/Rails, Elixir/Phoenix, Python, Wordpress, Shopify

Guided business entities on technical strategies

Created technical education content - Linux, Programming Fundamentals

BILLER.AI – SENIOR SOFTWARE ENGINEER (FREELANCE) [NETHERLANDS REMOTE]

01.2022 – 07.2022

Developed APIs for payment processing system – Python/Django, MySQL

Demonstrated and emphasized software engineering practices leading to more reliable and testable systems

Mentored junior developers

Contributed to and guided SCRUM processes

YOUNGCAPITAL – SENIOR SOFTWARE ENGINEER [HOOFFDORP/REMOTE, NETHERLANDS]

01.2020 – 09.2021

SCRUM master and developer mentor

Developing web applications and APIs – Ruby/Rails, MySQL, Rspec, Cypress

IMC ASSET MANAGEMENT, B.V. – SOFTWARE DEVELOPER [AMSTERDAM, NETHERLANDS]

09.2012 – 08.2015

Designed, implemented, and managed highly available modern virtualized, compliant, and resilient IT Infrastructure – VMware/Vsphere, Docker, Tintri, IBM StorWise

Migrated traditional isolated server systems to modern virtual, consolidated environment - VMware, Docker, Tintri

Developed custom backup system to meet regulatory and compliance obligations with minimal management effort - Clojure, Bacula, VMware, IBM StorWise

Developed ETL tools - Clojure, Go, PostgreSQL

Developed features and components for financial mid-office management web application - Ruby on Rails /PostgreSQL /Ubuntu Linux

Developed financial Excel applications – Excel, VBA, Bloomberg, Intex

Developed web, server, and integration software - Ruby/Rails/Go/Unix Shell/PostgreSQL/MySQL/Ubuntu Linux

Managed IT systems for international offices

TETER AND ASSOCIATES, LLC - CONSULTANT [REMOTE]

03.2011 – 07.2012

IT Infrastructure development and e-commerce web application development - Ruby on Rails/MySQL/CentOS/Cloud

Provided IT and software development consulting for small businesses

MARTIN DAWES ANALYTICS (LAVASTORM) – SOFTWARE DEVELOPER [REMOTE]

03.2008 - 09.2011

Developed business and domain rule analysis systems to help Fortune 100 clients identify billing system inconsistencies and errors, resulting in millions of dollars of revenue recovery - 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

Developed ETL tools to solve in-production billing failures - Lavastorm Analytic Engine/Python/shell programming

Developed web application for Fortune 100 client - Ruby on Rails/Solaris/Oracle

Delivered custom solutions and trained users globally - Linux/Lavastorm Analytic Engine/Python

Jetta Operating Company – IT Director [Fort Worth, Texas]

05.2001 - 01.2008

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, secure, 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

Developed web-based oil and gas production reporting system - Java Server Pages/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/Java/Unix Shell

PAST WORK

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

Developed software, web applications, and systems in telecommunications, computer gaming, manufacturing, retail, network management, and finance - C/C++/Java/Ruby/Python/Ruby on Rails/Java Servlets and JSP, SQL Server/PostgreSQL/MySQL

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

EDUCATION

PRINCIPIA COLLEGE [ELSAH, ILLINOIS]

1989 - 1993

Bachelor of Science, Computer Science