Hal E. Fulton

Email: rubyhacker@gmail.com
Cell: 512.791.2020
github: hal9000

Expert Ruby developer (and author of **The Ruby Way**) with 30 years' experience seeking opportunities in Austin, Texas. *I am **not** proficient in Ruby on Rails.*

Languages: Ruby, C/C++; now learning Elixir. Also: bash, SQL, HTML, etc.
Operating Systems: Linux, OS/X, AIX, Solaris
Databases (etc.): PostgreSQL, Vertica, Hadoop/Hive, Sqlite, MySQL, Oracle
ORMs: Sequel, ActiveRecord, DataMapper
Web (minimal): Sinatra, Rails; some Javascript; **no** Node, Angular, Ember; **no** HTML5, CSS, Sass
Tools: redis, hadoop, git, MiniTest, RSpec, cucumber, bundler

Education

MS, Computer science, University of Mississippi, 1985
BS, Computer science, University of Mississippi, 1983

Professional History

Writing/speaking
Author of *The Ruby Way* (now in 3rd edition)
Contributed chapter to *Teach Yourself Ruby in 21 Days*
Miscellaneous articles for InformIT.com and others
Development editing, tech editing, reviewing (Manning, InformIT, Wiley, Wrox, others)
Local coordinator and presenter at third Ruby Conference (Austin, November 2003)
Keynote speaker at first European Ruby Conference in Karlsruhe, Germany (2003)
Keynote speaker at first Lone Star Ruby Conference, Austin 2007
Presenter at RubyConf Brasil 2013
Presenter or trainer at five other Ruvy conferences
Attendee at first Elixir Conference, 2014

Softtware development

simpli.fi 9/2012 - present
Custom probabilistic cross-device matching system
Miscellaneous tools and *ad hoc* software (Ruby, Postgres, Redis, Vertica, Hadoop)

Independent Consultant 12/2011 - 8/2012
　GameSalad: App and database fixes
　CodeCafe, LLC: Sinatra/Sequel app (medical records storage/transmission)
　Intense Games, LLC: Engine/interface for Intent board-game

Involver 8/2011 - 12/2011 Rails bug fixes in social media dashboard application

personi.fi (Collective Media) 5/2007 - 7/2011
　Text processing and classification for ad serving purposes
　Semantic distance software implementation
　Support scripts, tools, occasional web front-ends, minor Rails work

Level 3 1997-2000, 2005 - 2007
　Telecom-oriented data warehouse applications
　Oracle 7/8/9i, C/C++, SQL, PL/SQL, Apache, Perl, CGI

Independent Consultant 8/2001 - 4/2005
　Broadwing: Bug fixes and porting effort to Solaris -- C++, Ruby, SQL
　Medsphere: Ruby/expect tool, custom IMAP client, .NET/Mono integration with Ruby

CyberDatabase 1/2001-8/2001
　Port of custom database system, Windows to UNIX
　Served as team lead for five other developers

IBM Austin (seven contracts) 1989-2001
　AIX 3.1 through 4.3
　DCE, HACMP, etc.
　Commands/utilities coding (C, C++)
　Test cases, documentation, manual testing

Dell Computers (contract)
　Maintenance of factory scheduling system

Tandem Computers 1992
　Assisted in port of UNIX SVR4 to MIPS R3000
　Changes in device-dependent code for X Window System
　Miscellaneous bug fixes: lpr command, build process, etc.

UniSQL (contract) 1991
　Debugged/executed ANSI SQL validation suite

International Real-Time Resources (contract) 2/1990 - 12/1990
　Group IV Fax image processing, document storage/retrieval, media conversion tools

East Central Community College (Decatur, MS) 1985 - 1989
　Taught three computer science courses
　Designed, coded, and maintained software (business/educational apps)