

ROBERT KIRALY, SOFTWARE DEVELOPER

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BACKGROUND

I'm skilled in more than one area. My experience spans more than one decade. If we're in agreement that these are positives, let's talk.

I was the sole maintainer at one point for software that counted half of the U.S. Vote. I handled the initial design of one of Adobe's network protocols. I've worked with most UNIX platforms, including BSD, Solaris, and Linux. I've created my own Linux distro. I've customized standard distros as well.

I was High Honors and Honors in Math and Computer Science at U.C. Berkeley. I leverage Open Source to reduce costs. I'm good at analysis of problems. My documentation is top-notch. I've created frameworks from scratch, untangled legacy codebases, done B2B support, taught ages from 8 to 80, vetted documents for CEOs and Board members, and served in other roles.

SKILLS

Foundation skills: 40 years C, 40 years UNIX, 40 years shell, 30 years Agile, 25 years Perl, 30 years technical writing, 22 years Linux, 20 years basic webdev.

Additional skills: Bash, Build, B2B support, C, DBA, Debian, DevOps, Digital Forensics, DKIM, ETL, FOSS, GIMP, HTML, Investment Portfolio, JavaScript, jQuery, Legacy code, Linux, Lua, MariaDB, MySQL, Open Source, PaaS, Perl, PHP5, Point of Sale (POS), Python, Recruiting, Regex, SaaS, Shell, SQL Server, Ubuntu, UNIX, Tcl/Tk, UNIX, Teaching, Tech Support, VPS, Writing, XML.

TYPICAL PROJECTS

Fighter Jet software: 2004 to 2009. Google for Northrop Grumman MILES Project. I did an SQL database appliance, a hardware simulator, a GUI, and other components.

Hack the USPTO: 2010. A startup asked me to get past USPTO anti-download measures. Note: This was legal. I used 50 Tors and a semi-autonomous agent written in Perl.

U.S. Vote: 1981. I was the sole software support engineer for about 1/3 of the U.S. Vote. Google for Computer Election Systems BRC. I reported to P.J. Lyon.

Restructure processes: 2014. I analyzed software development processes for a \$100M pharmaceutical firm and produced a 15-page set of recommendations for restructuring within 96 hours after my arrival.

Point of Sale reports: 2016. I created an MS-SQL reports framework from scratch for a restaurant chain using Strawberry Perl and Git for Windows. I rewrote the firm's data loader as a side task.

Linux distro: 1995 to 2017. My own project. I've developed a Linux distro of medium complexity from scratch. This has meant, essentially, understanding, patching, building, and integrating 2,000 software components.

Recruiting: 2011. I spent part of 2011 as a recruiter for a startup in the power grid sector.

UK-NCIS anti-terrorism: 2002. This was a proof of concept license-plate database.