

Ronald E. Straight

Contact

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Work

Synacor

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|--------------------------|-------------------|---|
| Senior Software Engineer | 2019-02 - 2024-10 | <ul style="list-style-type: none">• Lead developer in converting Zimbra email/collaboration system to a multi-tenant Kubernetes-native service, utilizing Golang and Oracle Cloud Infrastructure. |
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- Contributed to core Zimbra engineering, working on legacy Java codebase with extensive use of remote debuggers.
 - Leveraged Golang and Kubernetes expertise to migrate several hundred million mailboxes from bare-metal servers to Zimbra on Kubernetes.

Adblade / Solve Media

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|--------------------------|-------------------|---|
| Senior Software Engineer | 2013-05 - 2019-01 | <ul style="list-style-type: none">• Built a RESTful Data Management Platform (DMP) web server using Java/Netty, supporting sub-millisecond responses for demographic data requests, critical to ad-serving revenue. |
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- Developed custom dispatching annotations and supported multiple HTTP methods for consumer targeting resources stored in Redis.
 - Ported a legacy image conversion REST server from Ruby to Java and migrated a Solaris data center environment to AWS.

Kanoodle / Pulse360 / Seevast

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| Software Engineer III, Team Leader | 2004-11 - 2013-04 | <ul style="list-style-type: none">• Developed heavy Perl applications for ad-serving systems, contributing Oracle enhancements to the DBIx::Class open-source ORM framework. |
|------------------------------------|-------------------|--|
- Performed Oracle DBA duties, including DDL review, SQL, and Oracle analytic functions.
 - Created a 'RoboDeploy' system for multi-threaded deployment of websites, Puppet configurations, and Perl modules to over 100 servers.
 - Utilized Mason framework for frontend development and Bash for system administration.

Netsville

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| Co-Founder, Software Developer | 1994-06 - 2004-11 | <ul style="list-style-type: none">• Co-founded Netsville and developed 'Hazel,' one of the first e-commerce checkout systems, written in C with a templating language (HZML), plugin architecture, and DSL for shipping and tax calculations. |
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Skills

Programming Languages

- Bash
- Java
- Perl
- Golang
- C
- Python
- Rust
- Javascript
- MOO

Technologies

- Kubernetes
- Git
- HTML
- CSS
- REST API
- Oracle Cloud Infrastructure
- AWS

Concepts

- Object-Oriented Design
- Refactoring
- Debugging

Databases

- Oracle
- MySQL
- PostgreSQL
- MariaDB
- Redis
- MongoDB

Frameworks

- Mason
- DBIx::Class
- Netty
- Dropwizard

Interests

Personal Interests

- Hacking, in the ESR sense
- Tinkering with gadgets
- Building PCs
- Fallout, Starfield, Cyberpunk
- Arguing with ChatGPT
- Rolling in MUD
- Watching The Love Boat