David Stockton

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Experienced programming and engineering leader with an emphasis on web applications and APIs. Demonstrated success in development of new projects as well as transformation of existing projects in need of care. Proven ability to transform team processes and culture in a positive and productive way.

EXPERIENCE

i3logix, Denver — Sr. *VP of Engineering*

OCT 2010 - PRESENT

- Responsible for all developers, QA, project and product managers, and UX designers
- Automated portions of developer workflow to allow developers to focus on development
- Created mail-in ballot tracking and notifications platform
- Led implementation of Continuous Deployment platform
- Led infrastructure automation and move from co-hosted servers to AWS
- Responsible for hiring, team growth and mentoring of ~30 developers primarily dedicated to a pre-employment and drug screening application
- Introduced and trained team on Mercurial and later Git source control to manage software projects
- Introduced VM-based development platform to reduce platform issues with deployment
- Started in-home health care application

Cricket, Denver — *Software Engineer IV*

MAY 2006 - OCT 2010

- Lead developer for mycricket.com, a customer account management and e-commerce site
- Built SOAP-based shopping cart and cell phone plan configuration management
- Created promos and offers management and configuration allowing marketing to build complex promotions without needing new software to be built, increasing site conversions by 5%
- Built internal tools and software that saved the company at least $1.2M per year

Oracle, Denver — *Software Engineer*

JUN 2000 - MAY 2006

- Helped Business Function developers debug extremely large C functions on the AS/400 / iSeries platform
- Performed OS/400 and tax software upgrades for internal iSeries test servers
- One of the earliest in the world to get PHP running on iSeries

SKILLS

software development and architecture, mentoring, engineering management, testing, problem solving, teaching

PUBLIC SPEAKING

Spoken and led workshops at a large number of PHP and development-related conferences from 2009-present, including ZendCon, PHP Tek, PHP World, PHP Cruise, OpenWest, Web and PHP Conference, Ski PHP, Madison PHP, and others

President of Front Range PHP User Group from 2009-2014

LANGUAGES

PHP, Javascript, Typescript, SQL, C++, Python, Ruby, Go, Rust, others

EDUCATION

Colorado School of Mines, Golden, CO — *B.S. Mathematics and Computer Science*

AUG 1996 - MAY 2000

Minored in Economics and Business. Invited by department head to return as Adjunct Professor to teach C++ Data Structures class in 2001.

PROJECTS

BallotTrax — *Mail-in ballot tracking and notifications*

Designed and implemented platform and API. Tracked over 50M ballots for over 8M voters. Currently available for about 20-25% of U.S. voters.

App Suite — *Medical care management platform*

Performed architectural design and initial implementation for scheduling, authorization, credentialing and billing platform for an in-home medical care company.

i3Screen — *Pre-employment and random drug screening platform*

Led software development team developing a world-class platform for companies to manage their drug screening programs. Helped to modernize and introduce automation and testing to improve the quality of the software.

PUBLICATIONS

Wrote *"Leveling Up"* Monthly column in PHP: Architect Magazine; Jan 2015-Jun 2017

Collaborated with Sandi Metz and Katrina Owens on *99 Bottles of OOP PHP Edition* (Published Fall 2020)

https://davidstockton.dev/