Paul Okstad

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Skill Highlights

Mobile: iOS ◉ Swift ◉ Objective-C ◉ Core-Data ◉ SQLite ◉ Web services
Back-end: Python ◉ Golang ◉ CouchDB expert ◉ AWS ◉ Google App Engine ◉ Ubuntu
Front-end: Javascript ◉ React.js ◉ Bootstrap v3 ◉ JQuery ◉ HTML & CSS

Experience

PARTNER; HARD CODED STUDIOS; LONG BEACH CA – 2010-PRESENT

- Co-developed the best selling app, Bodyweight Training: You Are Your Own Gym
- Devised mobile data store solution using Core Data, SQLite and Couchbase Lite
- Automated mobile database import using Objective-C, Python scripts and Google Docs
- Devised CouchDB user database solution using database-per-user architecture
- Deployed Linux & CouchDB server infrastructure using AWS
- Automated server deployment using Python build system
- Developed user facing web app using Google App Engine with Golang
- Developed responsive AJAX web app using Bootstrap, React.js and CouchDB
- Developed localization system for managing translators and exporting to mobile app
- Shared customer support, marketing and promotion responsibilities

SYSTEMS ENGINEER @ CSEL; THE BOEING COMPANY; HUNTINGTON BEACH CA – 2011-2014

- Developed security mitigation process to pass stringent government IA requirements on servers
- Reduced server and development expenses by integrating VMware virtualization into data center
- Automated IA remediation on ESXi and Solaris systems using Bash and Python scripting

SYSTEMS ENGINEER @ GCN; THE BOEING COMPANY; ANAHEIM CA – 2006-2011

- Developed C# .NET GUI application for interfacing with legacy satcom gear
- Developed screen scraping application in Tcl/Expect for monitoring communications gear
- Automated RHEL/Oracle software stack installation using Python and kickstart scripts
- Developed Python software for simulating expensive control unit
- Automated network test procedures in Perl/Tcl/Python scripts
- Attended David Beazley's advanced Python course on Distributed Computing and Concurrency

Education

California State University Long Beach – Computer Science B.S. 2009

Side Projects

Sofa King: Sync - iOS app written in Swift for replicating CouchDB databases to your phone

Interests

Bodyweight & kettle-bell fitness, jiu jitsu, boxing, mountain biking, frisbee with my pup, guitar