

3151 California St. #10A  
San Francisco, CA 94115

## David M. Noll

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### Technology Skills

**Javascript/React/Vue:** extensive experience in JS + personal work with [React/Typescript/Vue](#)  
**Python/Django:** extensive experience over past few years  
**PHP:** extensive experience over past several years, Yii, Laravel, WordPress  
**Haskell/Scala/FP:** learning via coursera courses & practice in free time  
**Ops:** Experience with LAMP, Git, Azure, Apache, IIS, some AWS, Heroku, Networking  
Some: Java, Node.js, Android, Docker, C/C++, Ethereum

### Experience

**Senior Full Stack Engineer, *Care.Coach*** Millbrae, CA 2018-2021

#### Architecture

- Designed & created Django-based internal service:
  - House updated schema + machine learning models & integrations
  - Collect, monitoring & analyzing performance metrics
  - Combine log streams from multiple sources for customer reporting
- Upgraded video streaming architecture from Flash/RTMP to HTML5/WebRTC
  - Implemented web client, server configuration
  - Guided implementation of mobile client

#### Features

- Upgraded security to meet standards of major client 3rd party security audit
- Integration with hospital EMR & our cloud-hosted SQL Server DB
- Accumulating logging from many areas for customer reports

#### Ops

- Introduced automated testing using selenium
- Create & maintain production, testing and development environments in Azure

**Owner, *David M Noll LLC***, Louisville, KY 2014-2015, 2017-2018

- Manage hosting for websites using AWS EC2 and shared hosting
- Design and implement web applications using PHP, JavaScript
- Designed and implemented desktop application for cryptocurrency trading

**Interactive Developer, *JUMP by LEAP agency***, Louisville, KY 2015-2016

- Development with WordPress, Laravel or PHP/HTML, MySQL, JavaScript
- Tech lead for multiple projects, trained new developers

**Technology Consultant, *Derby City IT***, Louisville, KY 2012-2013

- Primary customer-facing contact for several clients of up to 30+ employees

### Open Source

**ChkFlow:** a React component editor/view for tree data inspired by Workflowy's interface

**GLTrader:** desktop app for real-time monitoring of cryptocurrency market data via Bittrex API

### Education

**Rensselaer Polytechnic Institute**, M.S. in Global Enterprise Management 2010  
**Case Western Reserve University**, B.A. in Cognitive Science 2008