

# TRAVIS DUNN

## Full-Stack Software Architect

### BACKGROUND

A veteran technologist, architect, and engineer with 15 years of experience in distributed computing and commercial software development, I have a lifelong passion for complex systems and the study of human-computer interactions.

Immediately productive with new codebases, I'm equally comfortable launching greenfield projects. My breath of experience gives unique insight into efficient development and a pragmatic long-view of architecture and infrastructure design.

An active community member, I regularly contribute to open source projects, participating in project groups, follow standards committees, and donate development time to non-profit organizations.

### EXPERIENCE

- 2012 - present **Earlydoc** (CTO)  
healthcare, expert systems, security, data modeling
- 2011 - present **Vanguard** (online specialist)  
*game servers, data modeling, MongoDB, C++, mobile, APIs*
- 2004 - present **Bellwether** (co-founder)  
*"big data", PBX, mobile dev, consulting, data-mining*
- 2008 - 2011 **Whatser** (platform engineer) *Location based services, augmented reality, social media, devops, APIs*
- 2006 - 2008 **Avocare** (chief architect / DBA)  
*medical records, robo7cs, compliance, security, iden7ty management*
- 2006 - 2007 **Desktop Alert** (lead engineer)  
*.NET messaging/alert systems for military, law enforcement, schools*

### EDUCATION

- Florida State University **BA Philosophy (2005)**  
BA Mathematics (pending)  
BA French (pending)

### CONTACT

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### AREAS OF EXPERTISE

- Service Oriented Architecture
- "12-Factor" Web Applications
- Distributed Computing
- Data Science and Analytics
- Information Architecture
- Social Media
- Cloud Computing
- Scalability
- Networking and Infrastructure
- Mobile Computing
- Technical Writing
- Agile Software Development
- Business Analysis

### INDUSTRIES

- Social Networking
- Health Care Information Exchange
- Medical Robotics
- Emergency Response Systems
- Government Licensing & Compliance
- Distance- / e-Learning
- Game Development
- Political and Legislative
- Open Source Software

### SELECT LANGUAGES / PLATFORMS

- Ruby/Rails
- HTML5/CSS3
- AWS / EC2
- MySQL
- MongoDB
- RDBMS
- Capistrano/Chef
- Node.js
- .NET / C#
- HTTP
- NGINX
- PaaS/IaaS/cloud
- shell scripting
- TDD/DDD/BDD
- Facebook SDKs
- Social Networking APIs
- SSL/TLS
- data structures
- git/svn/perforce
- ecommerce/PCI/IAP
- Objective C / iOS
- UDP/TCP/IP
- IIS/Apache
- PHP/LAMP
- NoSQL
- Ubuntu/WS 20XX
- C
- C++

**EXPERT • FLUENT • KNOWLEDGEABLE**