

Travis Dunn

Full-Stack Software Architect

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BACKGROUND

A veteran technologist, architect, and engineer with over 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 uncommon insight into efficient development and a pragmatic long-view of architecture and infrastructure design.

I thrive in cross-functional teams, delivering value by breaking silos to link operations, development, and business. I'm also comfortable in leadership roles, where I've succeeded as a team force multiplier and "fixer" by combining broad domain knowledge with technical expertise.

EXPERIENCE

- 2013 - Present ***bliep (senior engineer)**
mvno platform, security, big data in Hadoop and BigQuery, vendor integration (t-mobile, vodafone)
- 2012 - 2013 **Earlydoc (CTO)**
healthcare, expert systems, security, data modeling
- 2011 - 2013 **Vanguard (online specialist)**
game servers, data modeling, MongoDB, C++, mobile, APIs
- 2008 - 2011 **Whatser (platform engineer)**
location based services, augmented reality, social media, devops, APIs
- 2006 - 2008 **Avocare (chief architect / DBA)**
medical records, robotics, compliance, security, identity management
- 2006 - 2007 **Desktop Alert (lead engineer)**
.NET messaging/alert systems for military, law enforcement, schools
- 2004 - Present **Bellwether (co-founder)**
mobile development, consulting, data-mining and analysis, PBX for SMBS, CRM

EDUCATION

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

AREAS OF EXPERTISE

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

INDUSTRIES

- Telecommunications
- 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
- Python/App Engine
- HTML5/CSS3
- AWS/EC2
- Google Cloud
- MySQL/PostgreSQL/SQL Server
- MongoDB
- Capistrano/Chef
- Node.js
- .NET/C#
- HTTP
- Nginx
- PaaS/IaaS/cloud
- shell scripting
- TDD/DDD/BDD
- Security/GPG/Pentest/IDS
- Social APIs
- SSL/TLS
- data structures
- git/svn/perforce
- ecommerce/PCI/IAP
- Objective C/iOS
- UDP/TCP/IP
- IIS/Apache
- PHP/LAMP
- NoSQL
- Ubuntu
- C
- C++
- Java/Android

EXPERT • FLUENT • KNOWLEDGEABLE