

ALEX EHRNSCHWENDER

San Francisco, CA

Full-stack engineer with international experience in software development & project management. Seeking new technical challenges & leadership opportunities.

alex.ehrnschwender@gmail.com

alexehrschwender.com

SKILLS & EXPERTISE

Server: Scala (Akka & Play), Node.js, Ruby (Rails), Java (Groovy/Grails), Lua, C# .NET, Bash/Shell & Linux Administration

Database: MySQL, MongoDB, Redis, Zookeeper, PostgreSQL

Front-end: JavaScript (web & mobile), CSS3 & SASS

PROFESSIONAL EXPERIENCE

Sr. Software Engineer & Tech Lead – Ticketfly

July 2015 – Present

- Developing distributed concert ticketing services in Scala (Play/Akka) and Java (Grails)

Game Server Engineer – DeNA West / ngmoco:)

Nov. 2013 – May 2015

- Developed game servers in Node.js and Scala (Akka) for several popular mobile apps (iPhone + Android)
- Built, deployed, and monitored Java & Node.js app server clusters for multiplayer environments.
- MongoDB, Redis, Memcached, Zookeeper, and StatsD/Graphite back-ends/middleware

Lead Front-End Engineer - TastemakerX

Sept. 2012 – Nov. 2013

- Led client-side app development for web and Spotify applications revolving around music discovery.
- Implemented production-scale Backbone.js & Require.js architecture over existing PHP
- Defined new cross-platform REST API structure and requirements for JSON data return
- Build standalone UDP & TCP servers in Node.js for client builds, analytics, SEO, analytics, Redis pub-sub, push notifications, and Twitter Streaming API integration

IT Leadership Program – General Electric Company – GE Energy

2010 – 2012

Operations BI Developer – *Global Application Management Services (Atlanta, GA)*

- Developed a personalized BI solution (PL/SQL & JS) for support leaders & managers, accelerating through full SDLC.

Commercial ITO Project Manager – *GE Industrial Solutions (Hartford, CT)*

- Drove business-specific requirements into Salesforce.com roll-out for internal salespersons and external partners.
- Experience in Agile SCRUM methodology, VBA, and as a Salesforce.com admin.

Product Lifecycle Management (PLM) Project Manager – *Energy Products Europe (Belfort, FR)*

- Release coordination between local French engineering and US project teams for business-wide PLM software.
- Used XSLT, XPath & JS to create activity trend dashboards and mitigate overall timeline risk.

Mobile & Analytics Software Engineer – *GE Water & Process Technologies (Philadelphia, PA)*

- Designed and piloted Water Mobile Framework for device-independent development, deployment, testing, and maintenance of GE Water hybrid mobile apps. Significant research into mobile strategy within GE and industry.
- Built automated analytics engine for Remote Monitoring visualizations in TIBCO Spotfire, writing custom C# .NET extensions to the platform. Launched Fleet Analytics program providing cross-customer insights to the business.

EDUCATION

University of Virginia, School of Engineering and Applied Science

2006 – 2010

BS in Systems Engineering, Minor in Engineering Business

- GPA: 3.48 / 4
- Head of Research for the McIntire Socially Responsible Investment Organization
- President of Sigma Phi Epsilon Fraternity, Virginia Eta Chapter
- 2220 SAT (800-M, 680-V, 740-W)

2008-2010

2008-2009

AWARDS & RECOGNITION

- TastemakerX web app awarded 2nd place in 2013 SXSW Music Accelerator out of over 500 candidates
- GE Water Remote Monitoring Team recognized by CIO Magazine with CIO 100 Award
- LEAN Six Sigma Greenbelt Certified

VENTURES & HOBBIES

TourCollective

Crowdfund concerts and bring your favorite musicians to your hometown.

Tech Stack

Ruby on Rails, PostgreSQL, Squid, Backbone.js + Require.js

The Slice Is Right

Quickly and easily discover local pizza restaurants.

Tech Stack

iOS & Android App Markets, Sencha Touch 2, GoogleMaps API

CloudJams

Collaborate with Facebook friends to create the ultimate video playlist.

Tech Stack

Meteor.js + MongoDB, Amazon S3, Facebook OAuth2, YouTube APIs