

# TRACEY DOLSEN

FULL STACK DEVELOPER \* EXPERIENCED DESIGNER



**Phone/Text:** (303) 579-3384

**Email:** [traceydolsen@gmail.com](mailto:traceydolsen@gmail.com)

**Portfolio:** [tracey-dolsen.surge.sh](http://tracey-dolsen.surge.sh)

**LinkedIn:** [linkedin.com/in/traceydolsen](https://www.linkedin.com/in/traceydolsen)

## HIGHLIGHTS

15 years of software development experience, most recently in JavaScript, Express, Node, React, and PostgreSQL. Extensive experience in Java, C++, relational databases, and other languages on a variety of platforms. BS with honors from Duke.

## SKILLS

**Current Skills:** JavaScript, Python (limited), Node.js, Express, HTML, CSS, Materialize, Bootstrap, Django (limited), React, Angular (limited), Git/GitHub, Mocha, Chai, TDD, D3, Chart.js, Heroku, Firebase, Knex, AJAX, mobile (Twilio), responsive design, MySQL, PostgreSQL, SQLite, Firestore, mongodb (limited), Photoshop, After Effects, Premiere, professional image editing, professional video production, Mac/OS, PC/Windows

**Prior Skills:** Java, C++, Objective C, C, Lisp, PROLOG, Swing, CORBA, Oracle, Sybase, ObjectDB, O2, NeXT/mach, DEC/Unix, SUN/Solaris, Symbolics/Lisp, various flavors of unix

**Professional Skills:** Excellent development skills (debugging, source control, analytical, and design skills), team leadership, architecture, requirements analysis, teaching, and communication skills

## EDUCATION

**Duke University** -- BS in computer science and English, cum laude

**Galvanize** – Web Development Immersive

## VOLUNTEER

Web Developer, Treasurer, and Director for Sugarloaf Fire Dept., Fairview High, Southern Hills Middle School, and two other non-profits

## EXPERIENCE (see LinkedIn for more details)

### FULL STACK DEVELOPER | CO

Boomtown Accelerator and Galvanize

- Mobile push notification app (Twilio, JavaScript, Node, Express, PostgreSQL)
- Showcase app (JavaScript, Materialize, Node, Express, PostgreSQL)
- E/Pro Fitness app (D3 visualization software, JavaScript, HTML, React)
- Comparative portfolio (Django/python, Angular/JavaScript/Firebase, React/JavaScript/MySQL)

### OWNER / DESIGNER | CO

Broken Fence Studios

- Developed websites using HTML, CSS, Bootstrap, and WordPress
- Designed wedding albums (Photoshop) and produced videos (After Effects, Premiere) for professional photographers
- Executed all aspects of sole business ownership for a successful business

## PRIOR PROFESSIONAL EXPERIENCE

### SENIOR DEVELOPER, ARCHITECT, AND TEAM LEAD | CO

MatchLogic and as Consultant (Highland Management)

- User experience designer and developer for SAAS ad tech company. Skills used included Java, Swing, C++, and Oracle
- UI team leader, architect, and developer on multi-tiered application for storage company. Skills used included Java, Swing, and Rational Rose

### SENIOR DEVELOPER AND TEAM LEAD | DC

Consultant (The Registry)

- Taught Objective C in NeXTStep to classified customers
- Used Objective C on NeXT with CORBA, Oracle, and C++ to configure trunk switching interfaces for MCI
- Implemented proprietary ORB using C++, CORBA, SUN, HP, and Oracle

### JUNIOR AND SENIOR COMPUTER SCIENTIST | DC

Consultant (AMS - AI/Expert Systems App Group, ADS, and PRC)

- Developed software to help the Office of Leadership Analysis recognize relationships among individuals using a variety of intelligence sources
- Developed software to assist the National Photographic Interpretation Center to identify markings on aircraft
- Skills used included C++, Objective C, C, SUN, NeXT/NeXTStep, Sybase, collection management, Oracle, CORBA, unix, mach, Symbolics, Lisp, DEC, Solaris, PROLOG