

Alice Davis

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OBJECTIVE Contribute to secured and anonymized, in-browser communications and data sharing standards to amplify voices of marginalized communities.

COMPUTER SKILLS *Languages & Software:* JavaScript, HTML, CSS, React, Redux, Virtual DOM, Angular, Express, Hapi, Koa, Mocha, Tape, Zuul, Webdriver.io, npm, Builder, Lerna, Grunt, Gulp, Make, Git, Travis, Jenkins, TeamCity, MongoDB, Nginx, Docker, Kubernetes, TLS, GPG.
Code Examples: <https://github.com/diffalot>

EXPERIENCE *Software Engineer* 2017 to 2018
OpenTable, San Francisco, CA

- Developed front end applications in React and Redux.
- Developed back end applications in Node.js and Express.
- Created npm libraries for front and back end applications to consolidate core business logic.
- Maintained TeamCity to Mesos build and deploy pipeline.
- Created TeamCity build pipeline for Lerna projects.
- Introduced semantic versioning of npm libraries with automatic changelog generation and versioning.
- Created Builder archetypes to share build scripts among multiple projects.

Technical CoFounder 2016 to 2017
Brydge4Schools.com, Jackson, MS

- Designed and built UI for parents to respond to prompts from teachers for at home learning.
- Determined specifications for backend API.
- Prepared Pro Forma business model for accelerator applications.
- Packaged application for App Store and Play Store using Cordova.
- Analyzed user activity to guide feature development.
- Devised user retention methods that lowered user attrition by 60
- Constructed build pipeline.
- Managed Heroku applications.

Front End Developer 2015 to 2016
EdgeTheory, Ridgeland, MS

- Developed customer facing and internal applications using Angular backed by Sinatra.
- Refactored and modularized existing JavaScript code base.
- Maintained front end Jenkins builds.
- Built and maintained continuous integration testing via GitLab-CI.
- Performed user studies and developed wireframes of new products.
- Interviewed users for design feedback before product build.
- Launched real-time message deployment dashboard providing visualization of core business services to non-technical departments.
- Created docker-compose container sets for testing and development of internal and public facing microservices.

- Trained co-workers on front end testing methodology and practice.
- Guided co-workers during switch to branch based git workflow.

HTML, CSS, and Javascript Developer 2007 to 2009 and 2013 to 2015
Light Corporation, Jackson, MS

- Developed web app prototypes using HTML, JavaScript, and CSS packaged with Cordova.
- Developed web applications in Ruby, PHP, and Node.js.
- Configured and maintained secure e-mail and web virtual servers.
- Developed collaborative video editing and transmedia storytelling applications.
- Managed multimedia computer systems.

Community Manager 2009 to 2013
Kaltura, New York, NY

- Developed integration test suite to simultaneously test both HTML5 and Flash video players.
- Developed system to mirror private SVN source repositories to GitHub with filtering of insecure revisions.
- Supported developers with Kaltura integrations through IRC, forums, and in person.
- Co-Organized *How to JavaScript* meetup with 2000 members.
- Developed and administered html5video.org.
- Developed Google Wave video playback module.

COMMUNITY ORGANIZATION Co-Created Jackson's *Jackson Area Web and Mobile Developers* meetup.

Co-Organized Manhattan's *How to JavaScript* meetup with 2000 members.

CURRENT PROJECTS

datql is an in browser p2p data propagation backend for queryable serverfree protobuf schemas. <https://github.com/diffalot/datql>

Congress Hotline is a Twilio backed Express app with a touch tone interface that helps people to search for their congressional representatives by entering their zip code and connects them to each representative in turn. <https://github.com/StayWokeOrg/general-congress-hotline>