Bryan Eaton

SENIOR SOFTWARE ENGINEER | FULL STACK WEB AND MOBILE
- Senior software engineer focused on building solutions for clients.
- Focus on Javascript applications all the way through backend, frontend, and mobile.
- Solutions architect managing infrastructure on AWS using best development and operations standards.
- 10+ years experience developing web applications with Javascript.

Technology Summary

Javascript (Vanilla, React, Redux, Node, Express, Sequelize, Angular, Dojo, jQuery, JSON, WebRTC), Native Development for iOS and Android (React Native, Swift, Java), HTML, CSS (CSS Modules, SASS, LESS), SQL, noSQL, Tools (NPM, Webpack, ESLint, Prettier, Babel, gulp, Docker, bash scripts, unit testing - Jest, Jasmine, Karma), AWS (Lambda, EC2, RDS, Lex, SQS, Dynamo, S3, Cloudfront, Elastic Transcoder)

Professional Experience

STARTUP - Remote (2015 - Present)
Co-founder for multiple technology solutions startups. Responsibilities include development, architecture/infrastructure, maintenance, customer support, sales.
Products:
- Stitched Story (www.stitchedstory.com) The easiest way to capture video content from your users.
- Church Echo (www.churchecho.com) The simplest way to grow your church body.
- Mission Analytics (www.storygrab.com) The easiest way to capture analytics from your ministry
- Talking Stick (www.talkingstick.tv) Create moments with the people you care about through joint live-streaming
- Ask Live - Live video Q&A tool for creators to answer the top questions from their audience.

Accomplishments:
- Developed Node.js API, React web applications, React Native iOS and Android applications, and AWS infrastructure and devops to support applications.
- Conceptualized, planned, and launched live video chat application that connects users in a unique communication method.
- Build live video streaming application for mobile and web users to ask and vote on questions while a host answers them. Videos then get segmented and indexed with questions to be searched through as short snippets instead of a single long Q&A video.
- Architect application that allows organizations to create/manage campaigns and send out links to users that record video content in segments, either on mobile or web, that are then stitched together remotely and served back to the host organization. Gives organizations control over video content.
- Created support documentation and training material for clients.
- Talk directly with consumers of applications to gather feedback and guide them to solutions.

- Work with large organizations to identify pain points and develop customized solutions that solve problems they don't have the capacity to address.
- Developed serverless architecture for easily scalable infrastructure that gathers statistics from a large decentralized group of people through text messages.
- Created simple to use REST APIs for large scale, high availability services for web and mobile applications.
- Developed iOS and Android applications for video viewing and creation, data management, social connection, and real-time communication.
- Build multiple iterations of dashboards for clients to view analytics and manage information for their users.

CONTRACT SOFTWARE ENGINEER - Remote (2015 - Present)

Build out a portfolio of clients that require assistance in building and maintaining performant web and mobile applications.

Accomplishments:
- Lead programming direction and decisions for clients' applications.
- Work closely with clients, on site and remotely, to gather and define requirements so that all parties have a solid understanding of what is being delivered.
- Convert multiple applications for a large organization from Native iOS and Android applications into a single React Native repository that can be compiled to both iOS and Android. This organization did not have the on site team to continue developing these applications separately with iOS and Android developers.
- Train staff development team at organization with over 5,000 employees in how to utilize their large team of web developers to also support their new mobile applications built in React Native.
- Conceptualize, plan, and launch new web and mobile applications for media focused group that did not have developers on staff.
- Build demo iPad application for client to show off pitch decks and media at conference.
- Take over React Native development from a previous team that was over budget and time. Completed unfinished work and brought the organization back up to the latest standards in development and defined features before their product launch.
- Participate in daily standups for multiple teams and use Agile development methods.
- Build real-time chat web (React) and mobile (React Native) application for clients to share specific content and message between mobile applications and website using websockets.

VIEWPOST - Maitland, FL
Front-End Software Engineer (2015 - 2016)

Work in a collaborative office environment to build out designs on web to help companies manage and pay invoices. Analyze existing code and refactor as necessary to align with company's vision moving forward.

Accomplishments:
- Add features into existing Angular based web application to support new designs.
- Squash bugs and clean up code for easier maintenance.
- Participate in code reviews for team which included both functional and security focused code reviews.
- Propose and architect new stack for web application to switch away from large Angular codebase to a new React based stack. React, Redux, ES6, Webpack, Babel, ESLint, NPM.

- Create and implement mobile focused SASS framework to deprecate separately maintained mobile website and have fully responsive web application.
- Train QA developers to identify and fix simple bugs without having to create new tickets and wait for front-end developers.

EDUCATIONAL DATA RESOURCES - Winter Park, FL
Full-Stack Software Engineer (2011 - 2015)
Lead Engineer in the Finance & Accounting Systems web development. Focus on building new web application that replaced COBOL back-office application for school district employees. Build out and manage team members for Finance Web.
Accomplishments:
- Use PHP Zend Framework and Dojo Javascript framework to build new web application that utilized COBOL system data.
- Design and develop intuitive web pages that allow for experienced COBOL application users and new web users to get up to speed quickly on the new system.
- Implement coding standards and version control system for a growing team of developers.
- Utilize ticket management system to distribute tasks to team of developers.
- Squash bugs and clean up code for developers of HR and Student management systems.
- Define metrics and processes for code reviews.

Education
University of Central Florida - Orlando, FL
BS in Computer Engineering

Additional
- NPM react-pull-to-refresh (https://www.npmjs.com/package/react-pull-to-refresh ~300★) Shareable React component that helps mobile websites implement a simple pull-to-refresh component within the user's own application.
- Pebble (Smartwatch) – Develop applications with the Pebble SDK to manage repeating countdown timer and budget tracking.
- Volunteer at Summit Church Orlando (2012 - 2017)