

Andrew Moore

Software Engineer

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TECHNICAL EXPERIENCE

Co-creator; Software Engineer

2022

Bubble (bubble-framework.github.io [↗](#))

Bubble is an open-source preview app solution for dynamic front-end applications.

- Architected preview app functionality to support both server-side rendered and static-generated pages using AWS CloudFront and Lambda@Edge
- Utilized GitHub Actions to automate preview app deployment and teardown, triggered through pull requests and user commands
- Implemented preview app destroy functionality to remove all provisioned AWS services
- Provisioned IAM users and DynamoDB tables to manage metadata using the principle of least privilege
- Prioritized low-cost preview apps by automatically tearing down resources and leveraging serverless functions for pay-as-you-go server execution
- Developed command-line interface to individually manage projects
- Built full-stack GUI to manage all Bubble projects system-wide using React and Express
- Collaborated with a remote team of four engineers across US and UK time zones
- Authored a comprehensive technical case study on the engineering tradeoffs made and problems Bubble solves (bubble-framework.github.io/case-study [↗](#))

Software Engineer, Self-employed

2020 – 2022

Developed many open-source applications using technologies including JavaScript, Node.js, Express, React, Redux, Ruby, Sinatra, SQL, MongoDB, HTML, and CSS. Built numerous back-end, front-end, and full-stack apps including:

- PotatoBin - RequestBin-like tool for receiving and inspecting webhooks (Express, MongoDB, Ngrok, Node.js, PostgreSQL, React)
- Todo Tracker - Full-stack app for adding, editing, and completing todo lists (Ruby, Sinatra, ERB, PostgreSQL, Heroku)
- Reaction - Trello-like, Kanban-style project management app (Express, MongoDB, Node.js, React, Redux)

SKILLS

Languages

JavaScript, Ruby, Go, SQL, HTML/CSS

Frameworks

Express, React, Redux, Sinatra

Cloud

AWS (CloudFront, DynamoDB, Lambda[@Edge], IAM, S3), DigitalOcean (Droplets), Heroku

Tools

PostgreSQL, MongoDB, Nginx, Docker, Git/GitHub, GitHub Actions, Bash, HTTP, REST APIs, Webhooks

PROFESSIONAL EXPERIENCE

Systems Manager, Job Path

2010 – 2022

- Designed, built, and maintained automated reports, notifications, and web apps used by coordinators, managers, and directors for 3 departments (JavaScript, HTML/CSS)
- Created and led in-depth live and remote technical trainings for 200+ employees on using an Electronic Health Record for documentation and billing

EDUCATION

Launch School

2020 – 2022

Mastery-based school for full stack software engineering: launchschool.com/employers [↗](#)

BFA in Theatre Arts, Adelphi University

2010