Andrew Moore

Software Engineer

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TECHNICAL EXPERIENCE

Software Engineer, *BrowserStack (Percy product)* 2022 – 2023

Engineered and shipped new features, bug fixes, and tests for the backend (Ruby on Rails) and frontend (Ember.js)

- Built new customer-facing CI integration from scratch, owning the process from research to implementation to documentation
- Rearchitected GitHub integrations to support multiple parallel integrations
- Recognized an opportunity to refactor front-end routes to leverage parameterized logic and led implementation
- Developed custom scripts to safely update thousands of user accounts in production data
- Saved thousands of dollars per month by eliminating unnecessary event tracking

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 CLI
- 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
- 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 ⧉)*

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 technical trainings on using an Electronic Health Record for 200+ employees

SKILLS

Languages
JavaScript, Ruby, Go, SQL, HTML/CSS

Frameworks
Rails, Sinatra, Express, React, Redux

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

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

EDUCATION

BFA in Theatre Arts, *Adelphi University* 2010

Talent Award Scholarship