Andrew Zito

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Experience

Software Engineer at Green River *Aug. 2021 - Oct. 2022*

- Performed development and maintenance on custom Ruby on Rails and React applications for a diverse client base
- Contributed significant improvements to bespoke deployment tool for [OpenPath HMIS Warehouse](http://openpath.com) (AWS Ruby SDK, AWS CLI, AWS ECS, GitHub Actions)
- Developed and deployed Terraform modules to support client hosting features
- Performed deployments to production and staging environments using manual and CI workflows (Capistrano, GitHub Actions, AWS SDK & CLI)
- Improved standards for local dev environments to support multiple host configurations (including automated tests, volume performance optimization) (Docker Compose)
- Interacted directly with clients to shepherd requirements from discovery to deployment, including specification, feedback, iteration, and QA
- Implemented and designed UI components (Ruby & Slim, React & MD5)
- Analyzed legacy code patterns to streamline implementation of new features
- Designed and conducted internal cross-project metadata survey, presented on results and areas for high-impact low-cost improvement

Web Developer at Lafayette College *Mar. 2018 - Jul. 2021*

- Developed AWS stacks (infrastructure as code) to host college web applications (AWS CDK, TypeScript, CloudFormation, EC2, Fargate/ECS)
- Developed CI deployment workflow (GitLab CI, Capistrano, PHP Deployer, AWS CDK)
- Participated in project management by writing scopes, project plans, and tech reviews
- Designed WCAG 2.0 compliant, maintainable UI elements as needed (PHP, Twig, SASS)
- Added GDPR compliant personal data export and deletion to Moodle plugins
- Wrote unit and acceptance tests for Moodle plugins (PHPUnit, Behat)
- Developed local dev environments for WordPress, Moodle, Drupal (Docker Compose)
- Improved and maintained custom Symfony applications including the College's Bing-backed search, search keymatch management, course data API wrapper

Education

Hampshire College (Bachelor of Arts - Software Engineering, 2017)

Studied Web Development, Software Engineering, Linguistics

Division III Project: Syntree - a web application that allows users to draw syntax trees with a GUI interface (JavaScript, jQuery, Snap.svg, PHP, MySQL)

Bard College at Simon's Rock (Associate of Arts - Philosophy, 2015)

Studied Philosophy, Linguistics

References available upon request