# Andrew Zito
**Full stack web developer, software engineer**

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## Key Skills

- **Frameworks/Languages:** PHP *(5 yrs)*, TypeScript *(5 yrs)*, WordPress *(4 yrs)*, Drupal *(4 yrs)*, React.js *(2 yrs)*, Django *(1 yr)*, Ruby on Rails *(1 yr)*, Jest *(1 yr)*, Cypress *(1 yr)*, MySQL/MariaDB/Aurora *(6 yrs)*
- **Infrastructure (AWS):** Linux CLI, Ruby SDK, CDK (TypeScript), ECS, RDS, S3, EC2 *(4 yrs each)*
- **Tools:** Git *(6 yrs)*, GitHub Action *(2 yrs)*, GitLab CI *(5 yrs)*, Docker & Docker Compose *(6 yrs)*

## Experience

### Web Developer at Hampshire College                                                        *2023 – present*

- Continued design and implementation of custom narrative evaluations platform in **Django/React**, independently interpreted and **updated legacy code** and 10+ outdated packages
- Led upgrade process from **Moodle 3.11 to 4.1**, evaluated new theme and plugins, enhanced documentation for this process

### Software Engineer at Green River                                                               *2021 – 2022*

- Performed development, maintenance for custom **Ruby on Rails, React** applications for diverse client base
- Contributed significant improvements to bespoke deployment tool for [OpenPath HMIS Warehouse](#) **(AWS Ruby SDK, AWS CLI, AWS ECS, GitHub Actions)**
- Performed **manual and CI deployments** to production and staging environments **(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 complex requirements from discovery to deployment, including specification, feedback, iteration, and QA
- Implemented and designed UI components **(Ruby & Slim, React & MD5)**
- Designed and conducted internal **cross-project metadata survey**, presented on results and areas for high-impact low-cost improvement

### Web Developer at Lafayette College                                                            *2018 – 2021*

- Developed **AWS stacks** (infrastructure as code) to host college web applications **(AWS CDK, TypeScript, CloudFormation, EC2, Fargate/ECS)**
- Designed and developed **WordPress plugins and themes**
- Developed **CI/CD 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)**
- Developed and maintained internal **Drupal plugins** and themes **(Drupal 8)**
- Improved and maintained custom **Symfony** applications including the College's Bing-backed search, search keymatch management, course data API wrapper

## Education

- **B.A. Software Engineering** — Hampshire College                                       *2015 – 2017*
  - *Division III Project: Syntree* — a web application that allows users to draw syntax trees with a **GUI interface (JavaScript, jQuery, Snap.svg, PHP, MySQL)**
- **A.A. Philosophy** — Bard College at Simon's Rock                                       *2013 – 2015*