Elias Cole III

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10 years of development experience

Skills

Languages: JavaScript(ES5/ES2015+, TypeScript, web and Node.js), Python, Java, C#

Technologies: React, Redux, Angular, Angular Material, NGXS, NgRx, Google Cloud Platform, AWS(Lambda, CloudWatch, CloudFormation, S3, API Gateway, EC2), HTML, CSS, XML, SASS, jQuery, Twitter Bootstrap, Babel, POSTman, Git, Gitlab, Github, NPM, Grunt, Webpack, Gulp, SQL, MySQL, MongoDB, Auth0, Cypress

Miscellaneous: Agile/Scrum methodologies, GitFlow, Jira, Confluence, Trello, RESTful architecture, Windows, macOS, Linux, AutoHotkey

Professional Experience

Highspot, Seattle, WA
November 2021 - Current
Front-end Developer

- Created and led the integration effort of a cross-team shared video player that's used by most of the company. It included a suite of E2E tests, 100% code coverage, and documentation for integration and the current use status at different stages of adoption
- Refactored the native video recording feature to increase scalability, testability, consistency, and quality of life
- Patched an open-source library to address a couple of regressions in the newest version
- Wrote a static analysis script to aid the migration from Backbone to React
- Implemented pinch-to-zoom for our PDF viewer
- Developed and maintained the front-end components for content integrations: improved accessibility, implemented metrics and user tracking, and improved the testability and test coverage

Zonar Systems, Seattle, WA
April 2019 - November 2021
Lead Developer(March 2021)

- Lead an international team of three developers and one QA to create a greenfield SPA("Inspection Builder") that has been well-received and delivered ahead of schedule
- Ran weekly meetings, presented finished work on behalf of the team, maintained and curated the Jira board, consistently met with stakeholders to address concerns, created demo videos, created feature PoCs
- Developed the API used by Inspection Builder (Python, Flask-RESTPlus, SQLAlchemy)
- Created and maintained a project plan and estimates, approved the team's hours, updated the project SOW
- Managed pipelines(Gitlab runners) and deployments(GCP, Helm, Kubectl)

SDE 2 and Scrum Master

- Created a greenfield SPA("EVIR Web App") that was well-received and ahead of schedule (Angular 2+, NGXS, Angular Material, Auth0)

- Ran agile ceremonies(stand-up, refinement, retrospective, sprint planning, sprint review)
- Created an architecture document and participated in architecture reviews
- Investigated and ensured best practices and coding standards were followed, reviewed MRs
- Worked with design to ensure quality UX
- Cleaned up and improved team processes and documentation

Comcast Technology Solutions, Seattle, WA
December 2015 - March 2019
Client Solution Engineer / Lead Client Engineer(March 2019)
- Worked closely with customers and solution architects to design and implement custom solutions in order to deliver streaming video to millions of end users worldwide
- Helped mentor the team by providing knowledge, insight, starting points, and code snippets, which improved team efficiency and turn-around time for tasks, and generally acted as a friendly neighborhood SME
- Created an AWS Lambda template using Node.js for the team, which included examples, unit tests, a linter using Standard JS, and deployment scripts
- Created a Node.js service that backed up configuration and regularly reported on configuration changes via Slack integration(project name: Muninn)
- Assisted in recruiting, helped create recruiting standards, and consistently improved the recruiting process using current research
- Assisted in standardization of tools, processes, and best practices across the team
- Provided consultation and support for content workflow, player services, design, custom features, and best practice approaches to mitigate technical gaps
- Contributed to and maintained Java/Groovy solutions, Node.js scripts, and single page web applications(SPAs)
- Demonstrated and explained completed solutions to customers and support
- Utilized various testing techniques across many projects, including unit, GUI, and black box UI testing
- Implemented a custom solution to enable trickplay on Roku devices across many NBCU TVE channels, including Oxygen, Syfy, and NBC News
- Designed and implemented adblocker detection for NBC Sports, as well as redesigned the social media sharing functionality, implemented pixel perfect UI design specs, and upgraded the custom functionality workflow to include version control and ES6
- Contributed to my team's best practices by creating a SPA template, which has been used in a B2B/B2C PoC for NBCU GMO

Fall Creek Farm and Nursery, Fall Creek, OR
October 2014 - October 2015
Front-end Web Developer
- Led the front-end development for an application that handles tissue culture production, evaluation, and scheduling, inventory, protocols, media preparation, and resource management
- Created code generators that generate and maintain the bulk of the standard CRUD code
- Created an internal tool to assist in creating and maintaining model definitions
- Assisted in creating and defining code and design standards
- Participated in schema analysis and design
- Consumed a RESTful API to create custom widgets/apps
- Wrote and maintained a suite of GUI tests using Intern.io and Nightwatch
- Investigated and integrated various libraries, including Vis, DataTables, Moment, and an inflector

- Deployed a WordPress site to facilitate internal communication
- Engaged in Agile development methodologies

Education

Lane Community College (LCC), Eugene, OR   January 2012 - June 2014
Associate of Applied Science degree in Computer Programming

Massachusetts Institute of Technology (MIT), Cambridge, MA   June 2006 - December 2008
Major: Chemical Engineering