



# SELENE WHITAKER

AEM FRONT END DEVELOPER


## CONTACT

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Pittsburgh, PA 

[LinkedIn](#) 

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## EDUCATION

Bachelor of Science

Computer Science

Carnegie Mellon University

2014 - 2017

Pittsburgh, PA

## SKILLS

AEM Sites

React.js

HTML5

ES6+

Git

Gulp

Jasmine

WordPress

Adobe XD

Jenkins

## WORK EXPERIENCE

### AEM Front End Developer

Uber Advanced Technologies Group

2023 - current / Pittsburgh, PA

- Implemented dynamic content personalization in AEM Sites, enhancing user experience and driving a **57% uptick in user engagement**.
- Integrated ES6+ async/await for asynchronous operations to cut down callback hell and improve error handling, resulting in a 29% decrease in runtime errors.
- Leveraged Gulp for automated testing and linting, ensuring code quality and slashing defects by 19%.
- Employed Jenkins multi-branch pipeline jobs to support feature branch testing and deployment, enhancing code quality and shrinking merge conflicts by 39%.

### Front End Developer

Bosch Research and Technology Center

2020 - 2023 / Pittsburgh, PA

- Led lazy loading and code splitting in React.js applications, reducing initial load times by 1.2 seconds.
- Created interactive prototypes in Adobe XD for usability testing, which **identified and resolved 46% of user experience issues** before development.
- Developed cross-browser compatible applications, maintaining consistent performance across major browsers which grew the user base by 8.3%.
- Used Jasmine spies and mocks to isolate unit tests, improving test precision and eliminating dependency-related issues by 22%.

### Junior Front End Developer

Philips

2017 - 2020 / Pittsburgh, PA

- Handled HTML5 drag-and-drop features, boosting user interaction and satisfaction by 9%.
- Executed WordPress widgets to provide unique functionalities, resulting in a 16% drop in bounce rates.
- Designed a Git branching strategy tailored to Philips' project needs, leading to a **11% reduction in integration issues** during sprints.
- Worked closely with product managers to define project scopes and timelines, achieving a 93% on-time delivery rate.