

AMANDA MICHEL

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## SUMMARY

I'm an English/math teacher turned programmer. I studied Java in LaunchCode and landed my first job in programming as a Javascript developer. I love creating front end web components and embracing the challenges of persisting/retrieving data. I am eager for more opportunities to use exciting new Java and Javascript technologies and to further my ability to make use of event driven development.

## EDUCATION

*LaunchCode 2017*  
*St. Louis, MO*

Developed an MVC web application using Java, Javascript, JSP, and Servlets, with SQL databases. It had CRUD functionality and allowed users to monitor their children's screen time. Application also created a variety of reports and graphs based upon the data. Created a Spring/Angular web application to promote a school board candidate and populate a database with form data from supporters who wished to assist in the campaign.

Post-Degree Certification program	2009
English Education	
U. of Missouri--St. Louis	
M.A. English	2001
University of Missouri--Columbia	
B.A. - English	1998
University of Missouri--Columbia	

## WORK

*Software Engineer 2 at Unigroup Inc., Jan. 2023 to Jan. 2025*  
*Fenton, MO*

- Built UI platforms in React and Typescript for companies to manage financial data around moving and logistics.
- Used GraphQL, Elasticsearch, and Postgres to retrieve data
- Wrote Java, Kotlin, and NodeJS back end code centering around distribution logic, batch jobs, CRUD operations, Kafka producers and consumers, and integration of microservices.
- Participated in Agile ceremonies like scrum, sprint planning, backlog grooming, and retrospectives to refine and improve the team's processes
- Delivered presentations on using Playwright for E2E testing and Elasticsearch for indexing and searching
- Used Vi Test and Playwright to maintain high quality front end code
- Wrote unit and integration tests in Java.

*Software Engineer 2 at World Wide Technology, Feb. 2022 to Dec. 2022*

*St. Louis, MO*

- Built a full stack application using Vue 3 and NodeJS for managers to conduct access audits most efficiently
- Used a Postgres database for efficient storage of data
- Mentored and paired with an entry level developer
- Wrote unit and integration tests using Vitest and test driven development.
- Presented the audit application at demos and planning meetings for stakeholders

*Software Engineer at QDivision at Unigroup Inc., Oct. 2020 to Jan. 2022  
Fenton, MO*

- Built UI platforms in React and Typescript for companies to manage moving and logistics.
- Used GraphQL and Hasura to retrieve data
- Used React Testing Library to maintain high quality front end code
- Wrote Java, Kotlin, and NodeJS back end code centering around distribution logic, batch jobs, CRUD operations, and integration of microservices.
- Wrote unit and integration tests in Java and Kotlin.
- Wrote a reusable modal component for the company's design system.
- Participated in Agile ceremonies like scrum, sprint planning, backlog grooming, and retrospectives to refine and improve our team's processes

*Developer at Maritz Motivation Solutions, Jan. 2018 to Sept. 2020  
Fenton, MO*

- Wrote custom web components in Polymer JS and Lit Element
- Wrote unit tests with Mocha/Chai
- Wrote queries/mutations using GraphQL
- Used Redux for state management
- Wrote and implemented reusable custom web components for pagination, CMS integration, alerts, messaging, and other functions.
- Contributed to an open source design system called Chameleon:  
<https://github.com/MaritzSTL/chameleon>
- Queried from Elastic as part of building and maintaining streams for social media tie ins
- Collaborated with designers to implement their mock-ups
- Wrote REST controllers and validation with Java/Spring and tested them with JUnit and Mockito for a communication campaign service
- Managed complex workflows using a state management library called Xstate
- Participated in Agile ceremonies like scrum, sprint planning, backlog grooming, and retrospectives to refine and improve our team's processes