Emily Wilde

585.356.7838 | emilyjanewilde@gmail.com

Software engineer | Advocate for outstanding user experiences

- **Creative full stack software engineer** with over five years of experience in software development, from ideation to delivery of fully featured applications.

- **Track record of excellent problem solving skills** with ability to understand project needs, articulate software requirements, and build engaging, impactful, and responsive solutions.

- **Passion** for software that improves lives.

TECHNICAL TOOLS

JavaScript/Typescript, React, Redux, HTML, REST, Python, Sqlalchemy, Alembic, SQL, PostgreSQL, MySQL, JIRA, Git, Google APIs, Visual Studio and more

EXPERIENCE

Ellevation Education | Boston, MA

Full Stack Software Engineer	FEBRUARY 2022 - PRESENT

- Implemented a new front end for the Strategies professional development product using clean, modern React patterns, enabling faster development cycles, better code readability, and simpler state management.

- Designed and built an internal tool for content authors to preview draft educational content, greatly simplifying a process that historically involved many cycles of database migrations and deployments.

- Led a team of junior and senior engineers to implement a "pathways" feature to group individual courses, starting with a lightweight front end solution that allowed the team to gather feedback from educators, and progressing to a more permanent, customizable-by-school-district solution in the back end.

- Established client-side error monitoring using Sentry to ensure that bugs are caught as they occur.

Lexia Learning / Rosetta Stone | Concord, MA

Software Engineer	OCTOBER 2017 - JANUARY 2022

- Built front-end features in an award-winning educational app using JS, TS, React, ReactXP, Redux/Toolkit, HTML, and Sass, serving over 5 million yearly K-12 users.

- Worked between the front and back end engineering teams to create and implement improved network resiliency behaviors in our student applications, creating consistency among three student applications and a better user experience overall.

- Spearheaded the effort to research, document, and begin implementation of full keyboard accessibility in PowerUp, Lexia's literacy app for adolescent students, successfully advocating for a greater organization-wide focus on web accessibility in our products.

Technical Producer	**OCTOBER 2016 - OCTOBER 2017**

Educational Curriculum Specialist	**JULY 2014 - OCTOBER 2016**

Brockton Public Schools | Mary E. Baker School | Brockton, MA

Elementary ESL Teacher	**DECEMBER 2012 - JUNE 2014**

EDUCATION

Master of Arts, Applied Linguistics with ESL Educator Preparation Program
University of Massachusetts, Boston | Columbia Point, Boston, MA | May 2012

Bachelor of Arts, English Literature, minor in Spanish
SUNY Brockport | Brockport, NY | December 2005

Two graduate level courses in software engineering
Harvard University | Cambridge, MA | 2018-2019

TEACHING LICENSES

Massachusetts: ESL (PreK-6;5-12), **English** (5-8;8-12), **Spanish** (5-12)

TECH PROFICIENCIES

- JIRA/Confluence/bitbucket
- JavaScript ES6+/Node.js/Typescript/HTML/css/sass
- Python/Flask/Postgres/sqlalchemy/alembic
- JSON schema and validation testing, Contentful CMS API
- Unit testing with Jest/mocha/chai/React Testing Library/pytest
- React.js/ReactXP/Redux/Redux Toolkit
- SAFe/Agile Methodology
- VS Code/ESLint/Prettier

DIVERSITY AND INCLUSION WORK

- **Co-author of Rosetta Stone Diversity by Design Guidelines** - a comprehensive resource to help guide people in creating inclusive work product across all segments of the business, 2018
- **Member of Diversity, Equity, and Inclusion Committee** at Lexia/Rosetta Stone, 2018 to 2020

OTHER INTERESTS

Gardening and growing succulents, printmaking, stone carving, banjo/percussion, home DIY projects, hiking