

JENNA WAFFENSMITH | Software Engineer

About Me

I'm a full-stack software engineer passionate about building thoughtful, scalable products. My background in special education shapes how I approach problem-solving—with empathy, intentionality, and a focus on accessibility.

Skills

Languages – JavaScript, TypeScript, HTML, CSS | **Libraries & Frameworks** – React, Redux, Express, Node.js, Django
Databases – PostgreSQL, MongoDB, MySQL | **Other** – AWS Lambda, Amazon SQS, Git, Docker | **Testing** – Jest, Cypress

Professional Experience

Software Engineer FEBRUARY 2024—PRESENT
Concept3D | Remote

- Develop and maintain a full-stack college recruitment application with dual interfaces for students and admissions teams, using JavaScript, TypeScript, React, Node.js, Express, MySQL, AWS Lambda, and Amazon SQS
- Contribute to AI-driven features leveraging OpenAI to personalize recruitment outreach and enhance student engagement
- Collaborate cross-functionally to deliver high-quality, scalable solutions through agile development, comprehensive testing, and peer code reviews
- Lead release coordination, facilitating collaboration between engineers and QA to ensure code is properly merged, staged, and validated for seamless production deployments
- Integrate AI tools (e.g., Cursor, Cline) to enhance developer productivity and efficiency in the engineering workflow

Jr. Backend Engineer MAY 2023—JANUARY 2024
Stay Ai | Remote

- Developed a Shopify app for subscription management and analytics using React, JavaScript, Node.js, and PostgreSQL
- Took ownership of small full-stack features and collaborated on larger projects, while conducting code reviews and maintaining documentation
- Improved backend performance by implementing a solution that reduced response time by 96% for a critical database query

Associate Software Developer FEBRUARY 2022—MARCH 2023
Rightpoint | Remote

- Contributed to a global cross-functional team building an internal web tool to manage product promotions for a leading beverage company's e-commerce platform, serving 3.1 million users across 20 countries
- Collaborated with architects and developers throughout the design, development, QA, launch, and maintenance stages
- Implemented backend solutions to support user-facing features using TypeScript, Node.js, and MongoDB

Special Education Teacher AUGUST 2017—JANUARY 2022
Seattle Public Schools / Highline Public Schools / Fremont Unified School District

- Planned technology-integrated instruction to meet student needs, managing and training 3–5 instructional assistants to deliver educational content through online applications and digital resources
- Created and implemented individualized education plans (IEPs) using research-based instructional strategies and educational software, while fostering a safe, inclusive, and supportive learning environment

EDUCATION

General Assembly Remote Software Engineering Immersive Intensive 12-week, 450+ hour full-stack software engineering program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration.	2021
City University of Seattle Seattle, WA Master in Teaching—Elementary and Special Education Graduation Commencement Speaker	2019
Metropolitan State University St. Paul, MN Bachelor of Human Services	2010