

JENNA WAFFENSMITH | Software Developer

About Me

I'm a passionate software developer and former special education teacher, bringing a unique perspective that combines full-stack development skills with experience in special education. I firmly believe in the transformative power of technology to positively impact people's lives.

Skills

Languages - TypeScript, JavaScript, Python, HTML, CSS, EJS/DTL | **Libraries and Frameworks** - React, Express, Django

Databases - PostgreSQL, MongoDB | **Other** - Node, Kafka, RESTful Routing, Git, Azure, Agile/Scrum

Testing - Jest, Cypress, k6

Software Development Projects

JUNE 2021 - PRESENT

The Hiking Journal - Full-stack application for avid hikers to journal their adventures and connect with fellow pathfinders

- Independently designed and developed a full-stack application within an 8 day sprint
 - Django, Python, PostgreSQL** backend with RESTful routing and full create, read, update, delete (CRUD) operations for two models with a one-to-many relationship
 - Utilized **DTL** templating language and **jQuery** to render dynamic web pages with **Bulma** and **CSS** for design
 - Applied Django authentication and authorization with password change and reset functionality
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Professional Experience

Jr. Backend Engineer

MAY 2023 - PRESENT

Stay Ai | Remote

- Develop and enhance a Shopify app for subscription management and analytics, utilizing a tech stack including React, JavaScript, Node.js, and PostgreSQL
- Independently implement small and collaboratively tackle large full-stack features, ensuring efficient and reliable solutions
- Conduct code reviews to maintain code quality and adherence to best practices, maintain comprehensive documentation, and contribute to architectural design decisions
- Collaborate with the QA team for rigorous testing and contribute to enhancing the app's overall performance and quality, which includes implementing a solution that resulted in a 96% reduction in backend response time for a critical database query

Associate Software Developer

FEBRUARY 2022 - MARCH 2023

Rightpoint | Remote

- Collaborated on a global cross-functional team to design and maintain an internal web tool that generated and managed product promotions for a leading beverage company's e-commerce platform, serving an average of 3.1 million users across 20 countries
- Maintained coding standards and architectural designs while developing source code
- Collaborated with experienced architects and developers throughout the design, development, QA, launch, and maintenance stages
- Implemented backend solutions to support user-facing features with TypeScript, Node, and MongoDB
- Completed an intensive eight-week training program in front-end web development, gaining knowledge in React, Redux, TypeScript, Node, Cypress, functional programming, testing principles, and design patterns

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, while managing and training 3 to 5 instructional assistants to deliver educational content through online applications and digital resources
 - Developed and implemented an average of 15 individual education plans with IEP team and stakeholders using research based instructional methodologies and utilization of educational software to meet students' needs and educational benchmarks
 - Established a safe, inclusive, and positive learning environment for all students through proactive classroom management strategies and Positive Behavior Interventions and Supports (PBIS)
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EDUCATION

General Assembly | Remote

2021

Software Engineering Immersive

Intensive, twelve-week, 450+ hour full-stack software engineering program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

City University of Seattle | Seattle, WA

2019

Master in Teaching - Elementary and Special Education

Graduation Commencement Speaker

Metropolitan State University | St. Paul, MN

2010

Bachelor of Human Services