Asha Misra

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LinkedIn | Portfolio | GitHub

Seeking a software engineering role where I can apply my creativity and attention to detail toward building software that enriches peoples' lives. With experience developing zoo and museum exhibitions, I think like a user, and make elegant, efficient, and effective products.

Skills

Frontend: HTML, CSS, JavaScript, React

Backend: Node, NoSQL/MongoDB, Express, Python, Django, Postgres/SQL, RESTful APIs

Project Development: wireframing, pseudocode, user experience planning, git and GitHub, code comments and documentation, Agile/Scrum, Testing: Jest, Mocha, Chai, monolithic and microservices architecture

Communication: verbal, non-verbal, and written communication, phone calls and emails, presentations and public speaking, active listening, collaboration, empathy, open-mindedness

Personal: project management, working on a team, adaptability, multi-tasking, problem solving, teaching

Experience

General Assembly: Software Engineer Immersive Fellow   Dec 2019 – Mar 2020

Completed General Assembly's 480-hour Software Engineering Immersive program, covering HTML, CSS, JavaScript, ReactJS, Node, MongoDB, Express, SQL, Python, and Django

- **Fieldwork Flashcards**, an educational game built with HTML, CSS, JavaScript, and EoL and GBIF APIs.
- **Rapid Recipe**, a web app that allows users to search recipes by ingredients, built with ReactJS and Edamam Recipe Search API, deployed with Heroku.
- **BookBear**, a digital TBR pile. MERN stack with full CRUD capability. I acted as project manager on a team with three of my cohort-mates. Deployed to Heroku and Atlas.
- **What Cheer**, a digital daily gratitude journal with a React frontend and Python/Django API backend, featuring JWT for user authentication. I was project manager for this two-person team. Deployed to Heroku.

Experience Design: Museum Exhibition Content Developer and Interpretive Writer   Feb 2018 – Nov 2018

Developed exhibit content, conducted visitor studies, and designed interpretive plans for 9 museum and corporate clients. Maintained strong rapport with clients throughout the planning, design, and fabrication process. Implemented processes for version control to keep content organized through many iterations. Clients included National Grid, Martha's Vineyard Museum, and Blackstone Valley National Heritage Corridor Visitor Center.

Roger Williams Park Zoo: Education Program Registrar   Nov 2015 – Jan 2018

Managed Altru and Doubleknot registration software for hundreds of educational programs, ensuring that thousands of people could experience these programs each year.

- Migrated complex program registrations from Doubleknot to Altru.
- Developed automated roster creation system using Altru and Excel Powerpivot, saving the department 8 hours of work per week.
- As department liaison, I communicated with other departments and represented the Education team on many zoo-wide projects.

Roger Williams Park Zoo: Interpretation Intern and WildBunch Lead   Jan 2013 – Oct 2015

Aided the Manager of Interpretation and Graphics, which included assisting with exhibit development and supervising a team of live interpreters.

- Facilitated animal interactions with zoo visitors: seal and giraffe feedings, live animal presentations.
- Oversaw the team of live interpreters: coordinated schedules, and resolved issues between coworkers, animals, and zoo visitors.

Education

General Assembly: Certificate, Software Engineering   Mar 2020

Harvard University: Master of Liberal Arts, Museum Studies   Dec 2017

University of Rhode Island: Bachelor of Science, Wildlife and Conservation Biology   May 2013