

MELISSA FOX

Full Stack Software Developer

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Summary

Versatile and dedicated software developer experienced in both front- and back-end development for content and inventory management, ticketing, and live event experience applications. Works well with technical and non-technical teams to accomplish project targets while optimizing designs for a premiere user experience.

Work Experience

Full Stack Developer Aloompa (CUE Audio)

April 2022 - Present

- Collaborate with a small and agile team to develop SAAS content management software for music, sports, conference, and community-focused live events across the world, including Coachella, CrossFit Games, VidCon and Byron Nelson.
- Leverage AWS services Including AppSync, DynamoDB, Lambda, Cognito, and S3 to build robust and scalable applications.
- Utilize Typescript and event-driven serverless architecture to optimize code quality and maintainability.
- Lead developer for the migration of a legacy ticketing platform into a monorepo, involving updating code and data structures, and developing enhanced features for the new platform, including integrations with Square Payments and Twilio.
- Build and maintain reporting dashboard and data visualization tools for both internal and Google Analytics data.
- Continually enhance the platform's self-service capabilities In collaboration with product and design teams.
- Primary stack includes Typescript, React.js, Node.js, GraphQL, VTL

Software Developer Apprentice Nashville Software Schhool

September 2021-March 2022

- Developed full-stack web-based applications using JavaScript, React, Python, Django, HTML, CSS, and SQL.
- API testing using Postman and Swagger
- Wrote integration tests and Django template reports
- Deployed applications using Heroku
- Remote group project collaboration in a scrum agile environment

Academic Tutor Stoke Education

July 2018-November 2022

- Provided ACT/SAT exam prep tutoring for college-bound students.
- Prepared lower-grade students for private school entrance exams (ISEE).
- Provided general academic tutoring for students of all ages and brought struggling students up to level with comprehensive teaching and practice strategies.
- Promoted development of critical thinking skills and effective study habits in addition to course content.

Lead Carnivore Keeper Nashville Zoo

June 2017-September 2021

- Assisted in supervising keeper staff in the care and husbandry of all animals within the Carnivore Department.
 - Managed staff schedule and coordinated cross-department scheduling for animal procedures, transports, and events.
 - Actively involved in all aspects of animal care within department, i.e. training, record keeping, managing breeding programs, education.
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Education

Full Stack Web Development 2022

Nashville Software School

Bachelor of Arts In Biology 2012

Elmira College

Skills

- | | | | |
|------------------------------|--------------|---------------------------|----------------------|
| • Javascript | • React.js | • New Feature Development | • AWS AppSync |
| • Typescript | • Next.js | • Python | • AWS S3 |
| • Amazon Web Services | • Git | • Django | • AWS Lambda |
| • GraphQL | • GitHub | • SQL | • AWS CloudWatch |
| • Velocity Template Language | • JIRA | • NoSQL | • AWS Cognito |
| • API Design and Development | • Confluence | • DynamoDB | • AWS CloudFormation |