MELISSA STAN

SOFTWARE DEVELOPER

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https://melissastan.com **|** https://github.com/mstan19 **|** https://www.linkedin.com/in/melissa-stan-a67008240/

Certificates

Certificate in Java SE 8 Programmer I:
Oracle University

Certificate in Full Stack Web Development:
Georgia Institute of Technology, Atlanta, GA

Technical Skills

Languages:
- CSS3
- Git
- GraphQL
- HTML5
- Java
- JavaScript (ES6)
- jQuery
- MySQL
- NoSQL

Frameworks:
- Apollo
- CSS Frameworks
- Express
- MongoDB
- Mongoose
- PostgreSQL
- React
- Sequelize

Core Concepts:
- APIs
- Agile Methodology
- Deployment (AWS & Heroku)

Education

Bachelor of Science in Psychology and Minor in Biological Science with Research Distinction: Georgia State University, Atlanta, GA

Projects

Cozia | https://cozia.herokuapp.com/ | https://gocozia.com/ | https://github.com/mstan19/cozia
Developed a MERN stack apparel E-commerce application.
- Designed of backend REST API endpoints and database models.
- Implemented front-end React consumer facing website.
- Deployed application to Heroku and AWS.

ResuMade | https://resumade.herokuapp.com | https://github.com/mstan19/ResuMade
Built an E-commerce MERN stack app that implemented MVC paradigm to produce a formatted resume.
- Delegated stand-ups and progress of the app.
- Developed CRUD operator with standard HTTP protocols powered by GraphQL's Apollo Client.

MeowWoof | https://meowwoof.herokuapp.com/ | https://github.com/mstan19/Project-MeowWoof
Created full stack application using RESTful API with a MVC paradigm designed to help keeping track of animals in a pet shelter.
- Designed a functional volunteer's dashboard.
- Created a dynamic dashboard that retrieves updated information from MySQL database.
- Integrated email notification system to alert clients.

Experiences

Lead Code Coach   2023 - Present
The Coder School, Suwanee, GA
- Lead and design curriculum for advance code classes (e.g., Python, Java, and Robotics).
- Research and recommend technology to improve the current systems.
- Explain coding concepts, such as OOP through examples in code and implemented these concepts in coding projects.
- Document students' progress for each tutoring session.

Software Developer   2022 - Present
Freelance, Atlanta, GA
- Used Object-Relational Mapping by creating tables (i.e., implemented NoSQL databases) and schemas for backend.
- Created reactive UI design and improved the application performance for frontend applications.
- Deployed websites with large databases to Heroku and AWS using custom infrastructure resources.