

Merriam Massey

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SUMMARY

Full stack developer and lifelong learner with hands-on experience in design, coding, testing, debugging, and deployment in an agile environment. Self starter and problem solver recognized for intuitive leadership, innovation, mentoring, and use of data to inform decision making and drive growth. Skilled at making complex topics easy to understand and collaborating with stakeholders to reach goals.

TECHNICAL SKILLS

Front End: JavaScript ES6+, HTML5, CSS3, React, Bootstrap, Foundation, jQuery, AJAX, Axios, Jest, Material UI, Handlebars, bycrpt, Stripe
Backend: RESTful APIs, SQL, noSQL, Node.js, AWS S3, Sequelize, AJAX, Express.js, MongoDB, GraphQL
Other: JSON, XML, Git, Webpack, Heroku, JWT, PowerBI, Model View Controller, Object Oriented Programming, Machine Learning, testing, debugging, deployment, refactoring

PROJECTS

TasteBuds <https://github.com/merriammassey/tastebuds> | <https://whereyouwannaeat.herokuapp.com/>

- In development: Full stack web application that enables users to create a custom poll for friends or coworkers in order to decide where to eat. Leverages restaurant data from the Yelp Fusion API.
- Role: Co-author responsible for incorporating Yelp Fusion API, designing GraphQL queries and mutations, front end design, setting up MongoDB database, deploying with MongoDB Atlas and Heroku
- Tools: React, MongoDB, Express.js, Node.js, Apollo, GraphQL, Context API, Heroku, Yelp Fusion API, React Bootstrap, Axios, JWT

eCommerce Backend <https://github.com/merriammassey/ecommerce-backend> | <https://bit.ly/3yHCEVb>

- An e-commerce site back end configured to use Sequelize to interact with a MySQL database.
- Role: Co-author responsible for connecting Express.js API to MySQL database, configuring environment variables, designing models and routes, seeding the database, and syncing Sequelize models to the MySQL database on server start.
- Tools: Express.js API, MySQL2, Sequelize, Insomnia Core

Social Network API <https://github.com/merriammassey/social-network-api>

- An API designed for a social network web application where users share their thoughts, react to friends' thoughts, and create a friend list.
- Role: Author
- Tools: NoSQL, Express.js, MongoDB, Mongoose ODM

EXPERIENCE

Grader for Full Stack Web Development Program

August 2021-present

Trilogy Education

Assess student learning for Full Stack Web Development programs around the globe by evaluating assignments and issuing grades and feedback.

State Director, Title 1, Part C

May 2019–June 2021

Arizona Department of Education, Phoenix, Arizona

Led a team that managed data, reporting, grant disbursement, monitoring, and professional learning for a program that ensures Arizona students reach challenging academic standards and graduate high school prepared for responsible citizenship, further learning, and productive employment.

- Achieved record enrollment by gathering and analyzing data and developing dashboard-ready visualizations using PowerBI
- Led the development of an employer database integrated into the MIS2000 tablet and desktop app
- Served as state database administrator for Migrant Student Information Exchange (MSIX)
- Designed, developed, and delivered online and in-person training and assessments
- Ensured compliance with state and federal regulations by developing and training staff on quality control procedures
- Built capacity within national consortia by making key contributions to committee projects including designing a career awareness toolkit and leveraging tech tools to support identification and recruitment

EDUCATION

Full Stack Web Development, Certificate, University of Arizona | July 2021**Master of Arts**, Teaching English as a Second Language, Webster University | June 2015**ADDITIONAL EXPERIENCE**

Research Support Specialist

October 2018–May 2019

Mayo Clinic, Scottsdale, Arizona

Secured millions of dollars in grant funding by reviewing proposals, advising physicians and researchers on crafting proposals that aligned with target organizations' goals and RFPs, and completing the document preparation and submission process.

Independent Grant Consultant

May 2018–October 2018

Remote

Provided grant development services to a variety of non-profit organizations.

Comptroller

February 2009–June 2018

Sojourner Health Clinic, Kansas City, Missouri

Secured funding and provided administrative and financial oversight for a student-run safety net clinic serving the homeless and medically indigent in downtown Kansas City.

English as a Second Language Instructor

August 2015–August 2016

University of Central Missouri, Warrensburg, Missouri

Taught graduate and undergraduate English as a Second Language (ESL) courses in advanced communication skills, APA writing, advanced reading, and advanced grammar.