John Erler

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Summary

Full stack developer using a background in JavaScript to methodically troubleshoot and solve problems. Earned a certificate in Full Stack Web Development from Georgia Institute of Technology Coding Boot Camp. Strengths include: great time management, team working, and creative solutions to complex problems.

Projects

Kinetic Lighting and Electric
Repository | **Deployed Website**
- Website was made to replace the old website in use by Kinetic Lightning and Electric.
- Fully implemented with React with SCSS for styling.
- Developed all the code used with this project. Worked with an UI/UX developer to coordinate the design.

Thrift Shop²
Repository | **Deployed Website**
- A third party platform to facilitate online thrift store shopping.
- Integrated the Stripe and Cloudinary technologies and all the associated backend tasks.
- React, MongoDB, Mongoose, Stripe, Cloudinary, Swiper, Bcrypt, JSON Web Token, Dotenv, and NodeMailer.

Cobalt Canvas
Repository | **Deployed Website**
- A collaborative art platform. Allows the user to make art and share it to friends who can then make more edits and send it back.
- Implemented the models and database and the login process using express sessions.
- HTML, CSS, JavaScript, Bulma, jQuery, Express, Sequelize, Handlebars, Sessions, Canvas.
- Project was awarded Best Use of Tech.

Websites, Portfolios, Profiles

- https://github.com/jerler1
- https://www.linkedin.com/in/john-erler/
- http://www.johnerler.com

Skills

- **Languages/Libraries/Frameworks**: JavaScript, Java, CSS3, HTML, SQL, Python, C, jQuery, React.js, React Native, Node.js, Spring/Boot
- **Applications**: GitHub, Git, Terminal/Git Bash, Postman, MySQL, SQL Lite, MongoDB, Robo 3T.
- **Keywords**: API/AJAX, Bootstrap, Bulma, Font Awesome, JSON, BSON, Express, Express Handlebars, Express Sessions, Agile Methodologies, RESTful Methodologies, Amazon Web Services, Maven, JUnit, JVM,

Education and Training

Georgia Institute Of Technology
Atlanta, Georgia
Certificate, Full Stack Web Development

Southern Methodist University
Certificate, Java React Native

University of West Georgia
Bachelors of Science: Chemistry

Experience

Analytical Environmental Services, Inc - **Senior Environmental Chemist**   *11/2007 - 11/2020*
Atlanta, Ga.

- Analyzed water and soil samples using GC/MS in a Volatiles laboratory using Standard Operating Procedures for the EPA 8015C, 8260, and 624 methods.
- Raised departments ontime rate by 10% through maximizing efficiency of testing, sometimes thousands of samples a month, by prioritizing and organizing by turn around time and machine capacity.
- Reduced downtime by ensuring calibration standards were made weekly to maximize quality assurance compliance, and maintained a written log book for recordkeeping.
- Demonstrated self-reliance by meeting and exceeding workflow needs, and troubleshooted and fixed major issues in the laboratory that were causing disruptions in the workflow.
- Trained 5+ new hires with three moving into senior level capacities.