Raven Hughes

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PERSONAL SUMMARY

Highly skilled and motivated Full Stack Engineer with a passion for developing innovative software solutions, and advanced proficiency in JavaScript, React, Node.js, SQL, and Express. Proven track record of designing and implementing complex applications with a focus on user experience and scalability.

SKILLS

- Languages: JavaScript, TypeScript
- Frontend: React, Angular, HTML, CSS, Bootstrap, Material UI
- Backend: Node.js, Express, MongoDB, MySQL, Sequelize, Mongoose
- Tools & Technologies: Git, GitHub Actions, RESTful APIs, Webpack, Socket.IO
- Additional: Agile/Scrum methodologies, Testing frameworks (Mocha/Chai), CI/CD

PROJECTS

Gallivant | *Map-based tour taking and creation app*

- Designed and developed a real-time chat feature using Socket.IO to facilitate live communication among users.
- Implemented interactive maps with geolocation and popups using MapBox APIs, enhancing user engagement.
- Utilized Sequelize and MySQL to design complex schemas and ensure efficient data storage and retrieval.
- Employed Typescript for robust error handling and improved code maintainability.
- Styled the application with Material UI for a visually appealing and intuitive user experience.
- Deployed the application on AWS EC2, ensuring high availability and scalability.

Dogagatchi 2.0 | *Virtual Pet collection and trivia app*

- Engineered a blog feature that interacts with OpenAI API, providing users with personalized narratives.
- Utilized React Hooks to create functional components and React Bootstrap for responsive UI design.
- Managed a MongoDB Atlas database using Mongoose for seamless data storage and retrieval.
- Implemented git workflow to streamline collaboration and version control among team members.

Gallerist | *Art-sharing and social media app*

- Developed a gallery feature with React Hooks for efficient user interaction and dynamic content rendering.
- Designed routing using Express to facilitate data transfer between the client, server, and MongoDB database.
- Integrated Passport and Google OAuth for secure user authentication.

PROFESSIONAL EXPERIENCE

La Boulangerie / Baker   **2021 - 2023**

- Mixed, shaped and baked a variety of doughs, breads and pastries, taking care and attention to detail to produce the finest products
- Coordinated with all restaurant staff to guarantee that products were ready and on schedule for customers and deliveries, organized workflows, and trained incoming bakery employees

Arthur Ashe Charter School / Teacher   **2015 - 2016**

- Developed and implemented engaging and rigorous lesson plans
- Analyzed student work to effectively assess learning and respond to data
- Collaborated with other teachers and administrators to create a positive academic and cultural environment

EDUCATION

Operation Spark   **2023 - 2024**

- Program: Advanced Software Engineering Immersive Program
- Certificate: IBC Fundamentals of Javascript, Functional Programming and Web Development Level 3

University of New Orleans   **2009 - 2014**

- Program: Bachelor of Arts (B.A.) in Secondary Education
- Certificate: Louisiana State Teaching Certificate