Tyler Fruik

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Full-stack web developer proficient in MERN Stack technologies, Agile methodologies, and collaborative project management, with a portfolio showcasing innovative web applications and user-centric design.

EDUCATION

Remote

UT-Austin Full-Stack Web Development Boot Camp   *September 2023–March 2024*

- Developed a portfolio of deployable websites and web-based applications using industry standard full-stack languages, techniques, and tools focusing on the **MERN Stack** *(see portfolio link above)*
- Utilized **Agile** methodologies to collaborate with classmates, creating projects through the complete lifecycle of ideation, iteration, development, and deployment while minimizing tech debt
- Oscillated between writing full applications from scratch and **refactoring** bugged or outdated code

Recipe Finder Website - *Lil' Chefs*   *November 2023*

- Led a team of four to develop a **full-stack** application from conception to deployment
- Developed using **JavaScript**, **CSS**, and **HTML**, ensuring cross-browser and **mobile compatibility** with responsive design for optimal user experience and deployed via **Heroku** for page access reliability
- Implemented third-party **APIs** to query recipe database by user specifications, return images for display, and allow users to refine recipes by location and weather
- Allowed users to save favorites to local storage, improving user experience

Wedding Planning Website - *LoveStruck*   *March 2024*

- Utilized **React** and **CSS Bootstrap** to produce a modern **front-end** with a focus on user experience
- Integrated **Stripe** for handling funds raised for each wedding allowing for anonymous financing
- Implemented **NPM modules** to add an event calendar which auto-populates with RSVP'd events
- Incorporated **user authentication** and secure login features to personalize the experience and allow users to retrieve account information. Passwords are encrypted via **Hash Salting** through **BCrypt**
- Mapped **REST API** routes using **Insomnia** and **Postman** to assist in **test driven development**

SKILLS

- Languages: **JavaScript**, **CSS**, **HTML**, **Python**, **Java**
- Databases: **SQL**, **MongoDB**
- Frameworks/Libraries: **Node.js**, **Express**, **React**, **JQuery**, **Sequelize (an ORM for Node.js)**
- Front-end: **State**, **GraphQL**, **AJAX**,
- Tools: **GitHub**, **GitLab**, **Insomnia**, **Postman, Heroku**
- Soft skills: Agile Methodologies, Extreme Programming, Written/Spoken Communication, Presentations, Team management/leadership experience
- Other skills: graphic design, video production/editing, SEO, digital marketing, Adobe Premiere, audio design, live broadcasting