# Conner Krenzer

**Full Stack Web Developer | Software Engineer**
Washington, D.C. | 720.469.2834 | [krenzer84@gmail.com](mailto:krenzer84@gmail.com) | [GitHub](GitHub) | [LinkedIn](LinkedIn)

## TECHNICAL SKILLS

**Front End:** React.js, Redux, Hooks, Context API, Jest, Cypress, Yup, Axios, JavaScript, HTML, CSS
**Back End:** Node.js, Express, SQL, Vercel, Heroku

## PROJECTS

**Human Rights First, Grant Rate Tracker,** *Full Stack Developer* - **Javascript | Vite | Node.js**          [GitHub](GitHub)
- Developed a **responsive landing page** using **Tailwind CSS**, ensuring proper structure and styling while maintaining the integrity of the main files to match the provided design.
- Integrated a **RESTful API** to replace static test data, ensuring accurate data visualization updates with dynamic backend responses.
- Implemented authentication using **Auth0**, enabling secure login/logout functionality and integrating authentication state into the navigation menu.

**Pizza Order Form,** *Full Stack Developer* - **React**          [GitHub](GitHub)
- Built a dynamic pizza ordering form **in React**, using **Yup for real-time validation** to enforce input accuracy and maintain **data integrity.**
- **Implemented seamless navigation with React Router**, enabling natural page transitions between home and order screens to enhance user experience and accessibility.

**Authentication and Testing Sprint Challenge,** *Backend Developer* - **Express | Node**          [GitHub](GitHub)
- **Engineered a secure authentication system**, **utilizing bcryptjs** for password hashing and **JSON Web Tokens** for authorization, reducing unauthorized access incidents.
- Developed and integrated **middleware-based access control**, preventing unauthorized **API** requests and ensuring only authenticated users can access **protected endpoints**.
- Designed and executed comprehensive **API test suites using Jest**, achieving 100% test coverage for authentication and authorization endpoints, ensuring system reliability.

## EXPERIENCE

**Student | BloomTech**                                                                                          2023 - 2025
- **Developed full-stack web applications** by leveraging **JavaScript, React, and Node.js,** implementing responsive UI components, managing state with **Redux**, and optimizing front-end performance.
- **Engineered and deployed RESTful APIs** using **Express and SQL** databases, designing efficient database schemas, writing complex queries, and ensuring data integrity through migrations and seeds.
- Implemented **authentication and security** best practices by integrating **JSON Web Tokens (JWT), bcrypt hashing**, session management, and protected routes to secure user data.
- Conducted rigorous testing and debugging using **Jest, React Testing Library, and Supertest,** writing unit and integration tests to validate application performance and reliability.

**Sous Chef | Michelin Restaurants | Country Clubs**                                                          2013 - 2024
- Led a team of 5+ chefs in a high-pressure environment, increasing efficiency by **optimizing workflows** and implementing process improvements
- Implemented operational improvements that **reduced prep time by 20%** by analyzing inefficiencies and streamlining kitchen processes, reflecting performance optimization in **engineering**.
- Resolved real-time operational issues under high-stakes conditions, ensuring seamless service and demonstrating **problem-solving skills** comparable to **debugging production incidents**.

## EDUCATION

**BloomTech, Certificate** *of Full Stack Web Development*                                                     2023 - 2025
**Culinary Institute of America, *Associates*** *of Culinary Arts*                                             2013 - 2014