Jordan Williams

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Technical Skills
- <u>Strong</u>: JavaScript (ES6+), TypeScript, React, Tailwind CSS, GraphQl, React-Hooks, Redux, NoSQL (MongoDB, Mongoose), React Router, Apollo Server/Client, Node.js, Express, RESTful architecture, HTML, CSS/SASS, Bootstrap, Git/GitHub, Component-Driven Development, Postman, Webpack
- <u>Experienced</u>: SQL (Postgres), TDD (Jest and React Testing Library), OAuth 2.0, Docker, Vite

Experience
Codesmith | Software Engineer | Full-time (Contract) 2022
- Conducted code reviews for junior engineers, providing technical feedback and debugging assistance promoting best practices and code readability
- Facilitated technical training sessions covering a range of topics, including databases (SQL and NoSQL), AJAX, JS fundamentals, async/promises, and UX/UI
- Mentored engineering teams in the development of open source applications, ensuring deadlines and production goals
- Contributed to the development of several large-scale web applications using React, Node.js, and Express

radiQL (*radical*) **| Software Engineer - Visual GraphQL migration aid | Open Source | 2022**
- Incorporated React Hooks to improve application state management and create a reusable application-wide state.
- Utilized React.js and Tailwind CSS to design an intuitive, user-friendly front-end that enhances user interaction.
- Implemented TypeScript to increase reliability and reduce potential runtime errors through its error-preventing power and efficiency
- Ensured the application's dependability and extensibility through the composition of unit and server tests using Jest and React Testing Library
- Improved performance and decreased latency by implementing a NoSQL (MongoDB) database
- Allowed users to easily visualize their database schemas using React-Flow
- Followed Scrum and Agile methodology to efficiently assign tasks, organize sprints, and set up code reviews, ensuring clear communication and progress within the team
- Participated in the full software development lifecycle, including design, implementation, testing, and deployment
- Developed under tech accelerator OS Labs (opensourcelabs.io)

Personal/Freelance
Twins Dimension | Ecommerce | November 2021
- Designed and implemented an ecommerce website from scratch, including the integration of a payment gateway and inventory management system
- Used React.js with React Router to enhance site performance with its use of the virtual DOM and single component re-rendering
- Created a custom CMS using Express and MongoDB to allow the client to manage their products, orders, and customer information
- Leveraged React-stripe-checkout & Paypal to implement a secure and effective payment systems
- Utilized Redux/Toolkit for its ability to mutate state, use less code, and integrate with Redux Dev tools extension for real-time debugging
- Used Jest and Supertest for unit and integration testing to ensure the reliability and maintainability of the application

Police Officer II | 2011- 2021

Education
- Codesmith | Software Engineering | 2022
- ITT Technical Institute | February 2013

Talks & Publications
- "Testing Libraries and Frameworks" | SingleSprout Speaker Series (2022)
- Codesmith Lecture Series - JS Fundamentals, Async/Promises, UX/UI, Databases (SQL, NoSQL)
- "radiQL, the one-stop solution for setting up GraphQL on a Postgres database" | Medium

Interests
- Overlanding/offroading/camping with my 2002 4runner, Paddleboard fishing in the Atlantic Ocean, Single Track Dirt Bike Riding in the woods of Pennsylvania, Snowboarding the freestyle sections of snowboard park