

Kirby Schuetz

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Customer Centric Full Stack Engineer | Educator | User Centric Designer

Full stack engineer leveraging 5 years of K-6 classroom experience to build intuitive educational solutions. Proficient in React, Node.js, and PostgreSQL with demonstrated success in developing data-driven applications. Seeking opportunities to leverage my dual background to create intuitive, data-driven tools that address real classroom pain points, particularly focusing on making adaptive learning technology accessible and effective for elementary and middle school environments.

PROJECTS

Tech Odyssey Blog • 06/2023 – Present

Personal Project

- Architected and deployed a full-stack personal blog using React, Node.js, and PostgreSQL with 99% uptime
- Integrated automated CI/CD pipeline using GitHub Actions for automated testing and streamlined deployment to Netlify
- Designed normalized database schema in PostgreSQL for efficient content management and retrieval
- Implemented user authentication and secure admin dashboard for content management

TriPPP • 06/2023 – 06/2024

Fullstack Academy Capstone Project

- Led a team of six bootcamp students to develop a full-stack travel web app for seamless trip planning across time zones.
- Fostered open communication and teamwork to align project goals and deliver value.
- Guided the team through product lifecycle, from discovery to launch, ensuring user expectations were met.
- Integrated Google Maps API for interactive, location-based trip planning features.
- Utilized React, hooks, and the Context API for an intuitive, accessible interface.

WORK EXPERIENCE

KTKB LLC • Iowa City, IA • 12/2023 – Present

Airbnb Property Operations Manager • Full-time

- Developed and implemented automated systems for guest communications and booking management, increasing operational efficiency by 25%
- Leveraged data analytics to optimize pricing strategies and occupancy rates, resulting in 15% revenue growth

- Built and maintained comprehensive property management documentation and standard operating procedures
- Utilized multiple software platforms to streamline operations, including booking systems, maintenance tracking, and financial analytics
- Managed end-to-end customer experience through digital platforms, maintaining a 5-star rating

West Des Moines Community Schools • West Des Moines, IA • 01/2018 – 08/2023

Elementary Teacher

- Implemented data-driven testing methodology to identify performance gaps, resulting in 30% improvement in key reading fluency metrics within three months
- Developed custom interactive learning modules using educational software that increased student engagement by 20%
- Designed and maintained performance tracking dashboards using data visualization tools to analyze trends and guide strategic curriculum decisions
- Led cross-functional curriculum development initiative that improved target metrics by 40% through systematic implementation of microlearning modules
- Regularly assessed student performance to identify learning gaps and adjusted teaching strategies accordingly to improve outcomes by 15%
- Developed meaningful relationships with students and parents, providing consistent support that contributed to improved academic performance.

EDUCATION

Certification in Full Stack Web Development

Fullstack Academy • New York, NY • 10/2023

Bachelors of Education in Elementary Education & Art Education

University of Iowa • Iowa City, IA • 06/2015 – 05/2018

VOLUNTEERING & LEADERSHIP

Big Brothers Big Sisters • 01/2023 – Present

Big Sister • Des Moines, IA

West Des Moines Community School District: Literacy GVC • 08/2019 – 08/2022

Hillside Elementary School's Grade Level Representative • West Des Moines, IA

As the grade-level representative for my school's Literacy GVC team, we prioritized writing standards, created aligned rubrics, and contributed to the curriculum adoption process, ensuring the selected materials met the diverse needs of all learners.

West Des Moines Community School District • 01/2020 – 08/2022

STEAM Grade Level Representative • West Des Moines, IA

Designing a dynamic STEAM-focused, project-based learning environment.

SKILLS

Frontend: React.js, Material-UI, HTML, CSS, JavaScript

Backend: Node.js, Express.js, PostgreSQL

Testing & Development: Git, Jest, Agile Development

Design: Canva, Figma, Responsive Design, UX Design

Education Technology: Canvas, Edmentum, Elevate K-12, Flipgrid, Pear Deck

Core Skills: Adaptable, Advising, Being Detail-Oriented, Being Resilient, Building Relationships, Coaching, Collaborating, Communicating, Dedication, Delivering Customer Service, Demonstrating Curiosity, Demonstrating Technical Proficiency, Driving Solutions, Learning Quickly, Managing Projects, Managing Time, Resolving Conflicts, Resourcefulness, Showing Empathy, Solving Problems, Staying Focused, Teaching, Thinking Strategically, Working as Part of a Team