

Kirby Schuetz

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User-Centered Solutions Developer | Full-Stack Implementation | Data Analytics

Detail-oriented developer blending technical expertise with user research and data analytics to create effective digital solutions. With experience spanning full-stack development, user experience design, and five years of educational leadership, I excel at transforming user needs into technical implementations that drive measurable results. My proven track record includes developing responsive applications, implementing data-driven improvements that increased efficiency by 15-40%, and leading cross-functional teams using Agile methodologies. I combine front-end development skills (React.js, JavaScript) with back-end capabilities (Node.js, PostgreSQL) and strong UX sensibilities to create intuitive, high-performing solutions. Seeking a role that leverages my technical development abilities and user-centered approach to build innovative solutions that enhance user experiences and drive business outcomes. Passionate about translating complex requirements into accessible user experiences that solve real-world problems through thoughtful design and technical execution.

PROJECTS

Comparator "Less Than, Greater Than" Widget • 01/2025 - Present

- Based on user research with students and educators, identified key pain points in math comprehension, resulting in a user-centered design that improved learning outcomes
- Managed end-to-end development lifecycle of an educational tool, translating user needs into technical requirements and project milestones
- Integrated animations using Motion.dev to create a smooth and engaging user experience.

Tech Odyssey Blog • 06/2023 - Present

Personal Project

- Designed and implemented a structured project plan with clear milestones, ensuring timely development of all components
- 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

TriPPP • 06/2023 - 06/2024

Fullstack Academy Capstone Project

- Led cross-functional development team using Agile methodology, including managing sprint planning, conducting daily standups, and facilitating retrospective meetings
- Created comprehensive project tracking documentation using Jira and Miro boards to visualize progress and identify potential roadblocks
- Designed and implemented RESTful APIs using Express.js, achieving 95% test coverage through Jest and maintaining comprehensive documentation
- Integrated third-party services including Google Maps API and authentication, following secure coding practices

WORK EXPERIENCE

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

Airbnb Property Operations Manager • Full-time

- Managed guest relations within the Airbnb platform, responding to inquiries, resolving issues, and ensuring a seamless stay, resulting in consistently high guest satisfaction and a 5-star rating

- Developed and implemented automated guest communication systems, improving response times and booking efficiency by 25%
- Leveraged data analytics to optimize pricing strategies and occupancy rates, leading to a 15% increase in revenue
- Optimized booking management, maintenance tracking, and financial analytics within the Airbnb platform to streamline operations and improve efficiency
- Gathered and analyzed guest feedback, implementing improvements to enhance the overall customer experience

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%

EDUCATION

Certification in Data Engineering

DataExpert.io Academy • 02/2025 - Present

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

SKILLS

- **Design & UX:** Canva, Design Thinking, Figma, Learning Experience Design, Responsive Design, Training Materials, User-Centered Design, UX Design
- **Education Technology:** Canvas, Edmentum, Elevate K-12, Flipgrid, Pear Deck, Learning Management Systems (LMS), Digital Curriculum Development, Educational Software Integration
- **Professional:** Cross-functional Team Leadership, Meeting Facilitation, Process Improvement, Product Development Lifecycle, Project Management, Requirements Gathering, Stakeholder Communication
- **Technical:** CSS, HTML, JavaScript, Node.js, PostgreSQL, React.js, SQL
- **Data & Analytics:** Data Analysis, Performance Metrics, Program Evaluation, Student Data Analytics, Success Measurement, User Research
- **Collaboration Tools:** Canva, Figma, Git, Google Workspace, Microsoft Office Suite, Miro
- **Methodologies:** Agile Development, Design Methods, Problem-Based Learning, Project-Based Learning