JOHN RUCKER

Full Stack Developer

San Diego, United States

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LINKS

LinkedIn | https://www.linkedin.com/in/johnrucker4/, *GitHub | https://github.com/JohnRucker4*

PROFILE

A detail-oriented Full Stack Developer with a passion for app development and strong analytical and communication skills. Committed to the design, development, and maintenance of user-friendly and high-performance applications. Has hands-on experience and a record of implementing innovative solutions to complex application challenges.

EMPLOYMENT HISTORY

♣ Full Stack Developer, Blinkup
May 2023 — 2023
San Diego

- Mastered a new development language and platform in 1 month, resulting in a 16% increase in productivity.
- Significantly contributed to the development of mobile platform support for BlinkUp, enhancing its capabilities by 33%.
- Participated in a small team to provide comprehensive product documentation, improving its usability for other developers.
- Led the development of key mobile platform functionalities, such as user location determination, contact matching, and secure authentication data storage and retrieval, augmenting functionality by 50%.

♣ Full Stack Developer, LEARN Academy
Feb 2023 — Jun 2023
San Diego

- Implemented efficient time-management strategies that enhanced processing capabilities for large- scale information within a 3-month period.
- Utilized newly acquired skills to volunteer for LEARN's Jumpstart program as an assistant instructor, resulting in a 100% pass rate.
- Collaborated in small teams to successfully complete 6 increasingly complex projects.
- Delivered several public presentations displaying completed projects, receiving positive feedback from an audience of over 20 attendees each time.

♣ Surgical Technologist, Scripps Memorial La Jolla
Aug 2018 — Feb 2023
San Diego

- Leveraged advanced technology, including microscopy and robotics, in over 3,000 complex surgical procedures.
- Enhanced operating room workflow by 20% through effective team coordination and direct assistance during surgical procedures.
- Conducted over 30 training sessions in 9 specialties for new and experienced surgical technologists, boasting a 100% pass rate.

SKILLS

Git	PostgreSQL
React	HTML
JavaScript	CSS
Ruby on Rails	Bootstrap

Swift	MUI . . . .
Kotlin	Flutter . . . .
Postman	

PROJECTS

♣ Untitled medical training/documentation application . . . . Aug 2023

• CE Tracking & Validation: Developed a comprehensive system to track and validate Continuing Education units earned by users, ensuring adherence to national standards and providing real-time progress updates.

• Engaging Training Modules: Designed a suite of interactive games that provide surgical tech training, merging educational objectives with engaging user experiences, highlighting innovation in e-learning techniques.

• National Standards Compliance: Rigorously ensured that the app's content and tracking mechanisms met and surpassed national standards for surgical tech training, showcasing a commitment to quality, accuracy, and industry relevance.

• Performance Analysis & Feedback: Implemented a user-centric feedback system that evaluates performance in training games and offers tailored recommendations for improvement, emphasizing continuous learning and skill enhancement.

• Intuitive User Interface: Crafted a user-friendly interface designed to minimize learning curves, making it accessible for surgical techs of all tech proficiencies and focusing on optimal user engagement and satisfaction.

♣ bLinkup . . . . Jun 2023 — Aug 2023

• Cross-platform Development: Played a pivotal role in developing the SDK for both Android (using Kotlin) and iOS (using Swift), showcasing versatility and a comprehensive understanding of mobile platform nuances and best practices.

• Advanced Geolocation Integration: Implemented cutting-edge geolocation capabilities, enabling users to detect and connect with nearby friends. Demonstrated expertise in handling precise location data and spatial analysis across multiple platforms.

• Event Sharing & Invitation System: Enabled users to share, create, and send out event invitations based on proximity, exemplifying a deep understanding of event-driven programming and real-time user notifications.

• Proximity Alerts: Architected an alert mechanism that notifies users of friends and events in their vicinity, highlighting proficiency in geofencing and push notifications.

♣ Brewmate . . . . Jun 2023

• Dynamic User Profiles: Implemented a sophisticated user profile system, allowing members to document their beer preferences, maintain a history of tasted beers, and adjust their tastes over time, showcasing a nuanced approach to user data management.

• Advanced Search & Filtering: Designed a robust beer search engine with multiple categories, letting users sift through a vast array of options based on style, flavor profiles, brewery, and more, emphasizing deep database querying and user interface design skills.

• Adaptive Recommendation Algorithm: Integrated an adaptive recommendation system that adjusts beer suggestions based on real-time user feedback (likes/dislikes), demonstrating expertise in algorithmic design and user behavior analysis.

• User-Driven Interactions: Facilitated a favorites system for users to bookmark and revisit their top beer choices, paired with an intuitive interface for rating and feedback, highlighting a focus on user engagement and satisfaction.

♣ Apartment Finder .... May 2023

• Dynamic Filtering & Search: Developed a robust filtering system allowing users to refine search results based on criteria such as price, size, and amenities, showcasing advanced database querying and user-centric design principles.

• Interactive User Interface: Crafted a user-friendly and intuitive interface complete with apartment images, floor plans, and virtual tours, emphasizing a strong commitment to enhancing user experience and engagement.

• User Account & Favorites Management: Enabled user account creation with capabilities to save, revisit, and manage favorite listings, illustrating expertise in user authentication, session management, and personalization.

♣ Cat Tinder .... Apr 2023

• Dynamic Profile Management: Employed Rails' MVC architecture to craft detailed cat profiles with images, descriptions, and characteristics, underscoring a deep understanding of model relationships and data integrity within a relational database.

• Responsive Design Principles: Designed a responsive and engaging user interface adapting to various devices, highlighting a commitment to seamless user experience and engaging design considerations.

♣ Wildlife Tracker .... Apr 2023

• Robust Database Design & Management: Leveraged ActiveRecord in Rails to design a comprehensive database schema, facilitating efficient logging, updating, and retrieval of wildlife sightings and attributes, showcasing mastery over relational databases.

• Geospatial Integration: Incorporated geolocation features to plot wildlife sightings on interactive maps, demonstrating expertise in integrating third-party libraries and APIs within a Rails application for enhanced functionality.

♣ Untitled, text-based story game .... Mar 2023

• Narrative-driven Development: Conceptualized and designed branching story paths, providing multiple outcomes and choices for players, illustrating a sophisticated understanding of conditional logic and user-driven narratives.

• Dynamic Content Delivery: Developed an interactive frontend that dynamically presented story elements in real-time based on player decisions, emphasizing a harmonized fusion of content delivery and user input to enhance immersion.

♣ Pig Latin .... Feb 2023

• Complex String Manipulation & Algorithm Implementation: Developed algorithms to handle nuanced translation rules of Pig Latin, showcasing proficiency in string operations, pattern recognition, and iterative processing techniques.

• Interactive User Interface Design: Designed and implemented a responsive and intuitive frontend interface, optimizing user experience for inputs and real-time translation outputs, highlighting a keen

attention to UX/UI principles.

♣ Tic Tac Toe .... Feb 2023

• Integrated Frontend & Backend: Developed a seamless interaction between the user interface and backend systems. Managed user inputs, real-time game state updates, and dynamic rendering to enhance user experience.

• Implemented Game Logic & State Management: Engineered the core game mechanics, tracking player moves efficiently. Devised and executed win condition algorithms and facilitated game resets, showcasing proficiency in intricate state management. Demonstrated expertise in database CRUD operations, real-time data synchronization, and managing user sessions.

EDUCATION

♣ LEARN Academy .... Feb 2023 — Jun 2023
Full Stack Development   San Diego

♣ Mira Costa Community College .... Jan 2017 — Dec 2017
Surgical Technology   Oceanside

♣ Southeast Missouri State University .... Aug 2003 — May 2005
Computer Science   Cape Girardeau

REFERENCES

♣ Will Bott 414-791-9033
bLinkup   willbott@blinkupapp.com

♣ Chris Muto 407-579-6676
bLinkup   chrismuto@blinkupapp.com

♣ Mike Rogers ....
bLinkup   mikerogers04@hotmail.com

♣ Hyunlee Naito 858-692-7907
Scripps Health

HOBBIES

♣ Graphic Design ....

• New Adventures on Canvas: Ever since I got a taste of graphic design earlier this year, I've been hooked! Exploring colors, shapes, and layouts feels like uncovering a new world.

• Sketching Ideas: I'm still at the stage where every design is a mix of learning and surprise. Whether it's logos or digital doodles, I'm enjoying every click and drag.

• Eager to Learn: Diving into tutorials and design chats, soaking up all the knowledge and tips I can. It's like learning a new language, one design at a time.

♣ Basketball ....

• On the Court Passion: From those early days shooting hoops in the driveway, basketball's been my escape

and joy. I still lace up regularly, losing myself in the rhythm of the game.

• Team Spirit & Hustle: Whether it's a weekend pick-up game or just practicing my jump shot, there's no replacing the camaraderie and thrill that comes with it.

• Connecting Through Dribbles: The local courts are more than just a place to play; they're where friendships are forged, and stories are shared.

♣ Videogames

• Living Virtual Adventures: There's nothing like immersing myself in a new game, exploring vast worlds, or cracking that seemingly impossible level.

• Gamer's Perspective on UX: Every menu, every control — I see them from both a gamer's joy and a developer's curiosity. It's fascinating how a game's design can either pull you in or push you away.

• Challenges Welcomed: Be it a tricky boss fight or a puzzle, games remind me of coding challenges — there's always a way to win; you just have to find it!