# John Brooks

**Full-Stack Software Engineer**

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A motivated Software Engineer with a background in audio engineering and entrepreneurship. Dedicated to providing effective solutions to complex challenges through innovative troubleshooting, problem solving, and adaptability. Committed to creating unique and accessible products and revolutionizing critical aspects of business and life through software development.

## TECHNICAL SKILLS

**Languages -** Javascript, HTML, CSS, Python
**Libraries and Frameworks -** Express.js, React.js, Node.js, jQuery, TailwindCSS, Bootstrap
**Databases -** MongoDB, PostgreSQL
**Other -** User Interface Design, Agile, Scrum, JSON, Github, VSCode, Trello, Figma, Microsoft Office**,** Google Suite

## TECHNICAL PROJECTS

**helloWorld -** GitHub|App - React, TailwindCSS, JavaScript, Socket.io, OpenAI, MongoDB, bcrypt.js, Express.js, Node.js
- Developed a real-time chat application with AI chat functionality, collaborating with a team of four software developers within a 7-day timeframe
- Implemented full MERN stack, in addition to Socket.io and bcrypt.js enabling real-time communication and secure data management
- Integrated OpenAI to provide users with the unique experience of interacting with an AI chatbot on the platform

**My Fitness Calendar -** GitHub|App - HTML, CSS, Javascript, jQuery, MongoDB, Mongoose, Express.js, Node.js
- Created a user-friendly web calendar application using Vanilla JavaScript and MongoDB, allowing users to track and create workouts effectively with full CRUD database accessibility
- Designed the application with a mobile-first approach and optimized it for various devices, ensuring seamless usability on the go

**Sudoku -** GitHub|App - HTML, CSS, Javascript
- Developed a captivating front-end web application for Sudoku with three difficulty levels and mobile playability, utilizing HTML, CSS, and JavaScript
- Implemented a time-to-completion stopwatch, adding a competitive element to the puzzle-solving process
- Ensured cross-browser compatibility and responsiveness as well as adjustable light and dark themes, allowing users to enjoy Sudoku on various devices and in multiple environments

## PROFESSIONAL EXPERIENCE

**Carahsoft Technology** | *Confluent Sales Specialist* | Reston, VA | 11/2022 - 5/2023

- Proactively engaged with government prospects, showcasing Confluent's software solutions and effectively cultivating leads, resulting in a remarkable 150% growth in Carahsoft's Confluent sales for Q1 and Q2 of 2023
- Drove increased sales through a targeted cold-calling campaign, leveraging market research to create a portfolio of tailored materials, including prospect lists, personalized emails, and impactful talking points for Federal agencies with prospective interest in Confluent's offerings

**For The Record Productions** | *Owner/Audio Engineer* | Fairfax, VA  | 4/2018 - 11/2022

- Built and maintained a consistent pipeline of clients through cold outreach and marketing tactics by use of phone, email, social media, website management, and in-person meetings to maintain steady 30%+ year over year revenue growth
- Proficiently grasped client budget, timeline, and artistic objectives for a consistent flow of 10-20 clients per month, devising and executing project strategies to meet their artistic quality goals within established timelines, and adjusting project scope to meet scheduling objectives when required
- Managed client budgets and provided expert guidance on optimizing quality outcomes while adhering to budget and timeline limitations
- Developed and maintained an organized file management system within MacOS and industry-standard software (Pro Tools) to easily, quickly, and reliably access project data for clients and producers at any time
- Spearheaded expert training to team members, enabling them to deliver exceptional services to clients; fostering a cohesive and seamless client experience through consistent teamwork

**EDUCATION:**

General Assembly | Software Engineering Immersive Certification (500 hours)    5/2023 - 8/2023
General Assembly | Front-End Web Development Certification (60 hours)    2/2023 - 5/2023
James Madison University | Bachelor of Music    8/2012 - 5/2016