

John Brooks

Software Developer

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A motivated Software Developer with a background in engineering, technology, 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 engineering.

TECHNICAL SKILLS

Languages - Javascript, Python, CSS, HTML, Typescript, Java

Libraries and Frameworks - Express.js, React.js, Node.js, jQuery, TailwindCSS, Bootstrap, Django

Databases - MongoDB, PostgreSQL, SQL

Other - UI Design, RESTful APIs, Testing, Agile, Scrum, JSON, Git, VSCode, JIRA, Figma, Microsoft Office, Google Suite

TECHNICAL PROJECTS

A Night To Forget - [GitHub](#)/[App](#) - React, Javascript, CSS, Moment.js, Email.js, MongoDB, Express.js, Node.js

- Conceived, designed, and developed a responsive web page for the band A Night To Forget utilizing the MERN stack, ensuring population of updated song and show lists via cloud-stored (Atlas) MongoDB database
- Implemented an admin component for the band to easily update data using simple forms behind a secure login

StudioSync - [GitHub](#)/[App](#) - React, CSS, Javascript, Chart.js, Moment.js, MongoDB, Express.js, Node.js

- Constructed a recording studio centered CRM application utilizing the MERN stack within a 7-day timeframe, allowing a user to manage prospects in a sales pipeline with full prospect and user CRUD functionality
- Incorporated Chart.js to aid visualization of prospect data as well as Moment.js to manage follow-up appointments with a weekly calendar component

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 three 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 calendar web 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

PROFESSIONAL EXPERIENCE

General Assembly | *Software Engineering Fellow* | Arlington, VA | 2/2023 - 8/2023

- Successfully completed an immersive, full-time coding bootcamp, dedicating over 550 hours to mastering web development tools and languages such as Javascript, Python, HTML, CSS, React, and Django among others
- Led and participated in the design, development, testing, and deployment of four major applications, including three full MERN stack applications, showcasing versatile skills from database management with MongoDB and PostgreSQL to UI/UX design with Bootstrap and Tailwind
- Emphasized team collaboration, Test Driven Development (TDD), and Agile practices during a week-long group project with three fellow developers, highlighting adaptability and teamwork alongside technical proficiency

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

- Proactively engaged with government prospects, showcasing Confluent's software solutions and effectively cultivating leads, contributing to 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/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
- Designed, tested, and implemented intricate hardware systems, optimizing accessibility to all primary components for efficient and seamless operation
- 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’s Degree	8/2012 - 5/2016