KADEN BROWN

Richmond, VA

📞 845-800-5955 ✉ kadenxbrown@gmail.com 🔗 linkedin.com/in/kadenbrownswe ⌨ github.com/k9den

💼 https://kadenbrown.netlify.app/

Education

Virginia Commonwealth University — Expected graduation: May 2028
Masters of Science in Computer Science — *Richmond, VA*

Activities: Technical Member @ National Society of Black Engineers (NBSE) & Active Member @ ColorStack

Relevant Coursework

- Computers and Programming
- Data Structures
- Discrete Structures
- Linear Algebra
- Computer Systems
- Fundamentals Software Engineer
- Algorithm Analysis w/ Advanced Data Structures

Experience

Software Developer Intern — July 2025 – Present
Todd — *Remote*

- Developed and styled responsive web interfaces using **React, Next.js, TypeScript, Tailwind CSS, and JavaScript**
- Collaborated with cross-functional teams to implement new features, improve UI/UX, and ensure integration with backend systems
- Improved user experience and accessibility for agricultural partners and customers, contributing to increased platform engagement and satisfaction

Marketing Technology Intern — June 2025 – Aug 2025
Universal Music Group — *New York City, NY*

- Created and scheduled TikTok content to promote UMG artists, leveraging trends and audience behavior to increase engagement.
- Built a lightweight content pipeline using **Python** to streamline the editing and uploading process, reducing turnaround time and improving consistency across posts.
- Blended creative and technical skills to support fast-paced digital marketing initiatives for emerging artists.

Founder & Content Automation Engineer — December 2023 – Present
Cliplanta — *Richmond, VA*

- Scaled a TikTok page to **60K+** followers, **20M+** total likes, and over **$7K** in monthly revenue through automated, high-volume content production for livestream influencers.
- Built an end-to-end automation system using **Python** for influencer marketing, reducing manual editing and posting time by **90%**, enabling faster content turnaround and scaling for digital creators.
- Boosted content output by **400%** by scripting a custom workflow to convert livestream clips into short-form videos.

Projects

Tabi - Smart Tab Splitter | *Node.js, React Native, TypeScript, Firebase, Expo* — August 2025

- Built a cross-platform mobile app that automates group expense splitting, reducing manual calculations by **50%.**
- Designed a **Firebase-backed** architecture for user authentication and live data sync, ensuring seamless multi-user collaboration
- Focused on building a clean, intuitive UI for users with emphasis on speed, clarity, and minimal taps

NBA Game Recap Generator | *React, Next.js, Google Cloud, MongoDB, Gemini API* — May 2025

- Built an AI-powered application that automatically generates personalized NBA game recaps using real-time game data and large language models, reducing manual recap writing time by **90%.**
- Integrated Google Cloud and Gemini API to analyze player stats, game flow, and highlight-worthy moments to produce engaging, human-like summaries with **100%** accuracy.
- Optimized API interactions and prompt engineering for accurate, readable, and contextually relevant summaries, reducing editing needs by **60%.**

Medical Adherence System | *Next.js, React, JavaScript, Tailwind CSS* — April 2025

- Collaborated with a team of 4 to develop a full-stack web application that helps patients manage medication adherence, reducing missed doses in simulations by **35%.**
- Integrated **FHIR APIs** to securely fetch and display real-time prescription data from electronic health records.
- Developed a responsive patient dashboard using **Next.js** and **Tailwind CSS**, allowing users to view medications, schedules, and receive timely reminders.

Technical Skills

Languages: Python, JavaScript, Java, C, HTML/CSS, TypeScript
Developer Tools: Visual Studio Code, Git, GitHub, MongoDB Atlas, Firebase
Technologies/Frameworks: Node.js, Next.js, React, React Native, Expo, Tailwind CSS, REST API's, OpenAI/Gemini API