

**Ibrahim Hudson**  
**Full-Stack Engineer**

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## TECHNICAL SKILLS

**Certifications:** Prompt Engineering (Cognizant), Design Thinking (Cognizant)

**Languages & Frameworks:** JavaScript, TypeScript, Python, React, React Native, Express.js, NodeJS, SQL, HTML/CSS

**Tools & Databases:** Git, GitHub, PostgreSQL, Bash, Postman, Gemini API, Knex.js, Expo, Cron, PostgreSQL

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## ENGINEERING EXPERIENCE

### Renaissance

*Renaissance is an AI-powered note taking app, transforming ideas into goals so users can turn goals into product*

July 2025

- Engineered full-stack mobile application using PERN stack with TypeScript, implementing custom AI-powered content organization system that creates semantic connections between user notes and generates personalized productivity insights
- Created proprietary AI algorithms for semantic note analysis using industry leading prompt engineering techniques.
- Developed comprehensive RESTful API with 20+ endpoints using Express.js, integrating Stripe payment processing, real-time AI content analysis, and secure session management with enterprise-grade security protocols
- Built cross-platform mobile application using React Native/Expo with TypeScript, implementing custom navigation systems, rich text editing capabilities, and responsive UI components for consistent user experience across iOS and Android

### Green Quest

*Community based and AI powered, eco-friendly habit tracker*

May 2025

- Managed the end-to-end development of Green Quest, an AI-powered, full-stack application built to gamify and incentivize eco-friendly actions within communities.
- Architected and oversaw the implementation of the application using the PERN stack (PostgreSQL, Express.js, React, Node.js), ensuring a robust and scalable architecture.
- Integrated the Gemini API to power intelligent features, personalize user experiences, provide dynamic feedback, significantly enhancing engagement and environmental impact.
- Led a cross-functional team, managing all project phases from strategic planning and technical design to deployment and optimization.

### SAS, Project Orchestration Intern, Cary, NC

January 2024 – August 2024

- Collaborated directly with senior executives to design and implement an organization-wide code coverage system utilizing SonarQube & Docker, aimed at improving transparency and decision-making across engineering teams.
- Translated complex code data into clear, actionable insights by developing stakeholder-facing dashboards, improving technical visibility, and cross-team communication.
- Demonstrated leadership by owning the full project lifecycle—from planning to presentation—resulting in the successful launch and operational adoption of our code coverage system.
- This contributed to a high-impact initiative that led to year-round job offers for both my teammates and I, highlighting the tangible value and success of our contributions.

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## WORK EXPERIENCE

### Apiary, Raleigh, NC

June 2024 – Present

*CEO (Present)*

- Founded and spearheaded a creative agency specializing in visual storytelling, managing a team of 5 photographers to deliver high-quality content for clients across events, branding, and digital campaigns.
- Oversaw project workflows from concept to delivery, including creative direction, client communication, and post-production, resulting in a 90% client satisfaction rate and repeat business.

### Freelance Photographer (Present)

- Captured and edited high-quality images for events, portraits, and branded content, aligning visuals with client goals and creative briefs to deliver compelling visual narratives.
- Delivered over 150 professionally edited photos per client project on average, meeting tight deadlines while maintaining high creative standards and consistency across all assets.

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## EDUCATION

### The Marcy Lab School, Brooklyn, NY

September 2025

- Completed 2,000 hours of coursework in web development, CS fundamentals, and leadership development
- Developed proficiency in HTML/CSS, JavaScript, Python, NodeJS, ReactJS, SQL, and Prompt Engineering
- Contributed to the open-source community by writing blogs about programming technologies such as JavaScript.

### North Carolina Agricultural and Technical State University, Greensboro, NC

August 2023 – August 2024

- BA/BS in Computer Science, Fidelity Scholar Full-Ride Scholarship*