

Arnav Singh

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EDUCATION

Georgia Institute of Technology

B.S., Computer Science

Atlanta, GA

Aug. 2023 – May 2027

- Coursework: Data Structures and Algorithms, Object-Oriented Programming, Objects and Design, Computer Organization and Programming, Machine Learning, Systems and Networks

EXPERIENCE

Deloitte

Infrastructure Engineer Intern

New York, NY

June 2026 – Aug. 2026

Arhan LLC

Freelance Web Developer (JavaScript, TypeScript, CSS, React, Node.js)

Atlanta, GA

May 2025 – Present

- Built a full-stack responsive event/rental venue website using React and Node.js with features for availability checks, rental details, and direct customer contact.
- Implemented dynamic inquiry forms and date-checking functionality, reducing scheduling conflicts and streamlining booking communications by 50%.
- Facilitated over \$100,000 in rental transactions through continuous website improvements.

Atlanta Bread Company

Freelance Developer (Java, Firebase, Android, FireTV)

Sandy Springs, GA

May 2022 – May 2025

- Built an Android/Firestick cloud menu signage system using Java and Firebase; cut signage costs by 67% and increased menu update efficiency by 200%.

PROJECTS

Talent Circuit | React, TypeScript, Supabase, Stripe, OpenAI, Tailwind

Aug. 2025 – Present

- Developed full-stack web platform enabling DJs, visual artists, and promoters to manage bookings, contracts, and payments at talentcircuit.io.
- Integrated Stripe Connect for escrow payments, automated payouts, and KYC; added Supabase realtime chat with RLS-secured policies.
- Implemented AI-driven lineup suggestions and DJ matching using the OpenAI API.
- Built responsive UI with Tailwind, Radix UI, and shadcn/ui; optimized performance via Vite and TypeScript.

Audio Plugin Development | JUCE, C++, macOS Core Audio

Dec. 2023 – Present

- Built cross-platform VST & AU plugins for real-time EQ and compression, integrating macOS Core Audio APIs.
- Optimized DSP algorithms for low-latency audio processing.

Interactive Travel Itinerary App | Android, Firebase, Java, MVVM

Jan. 2025 – May 2025

- Built a full-stack Android app to create and manage personalized travel itineraries with Firebase authentication and data storage.
- Applied MVVM architecture and design patterns (Prototype, SOLID, GRASP) for scalability; led initial framework setup across a cross-functional team.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML/CSS, C++, C#

Frameworks & Tools: React, Node.js, Firebase, Supabase, Stripe, JUCE, Bootstrap, Git, IntelliJ, Xcode, PyCharm

Spoken Languages: English, Hindi, Spanish

ACHIEVEMENTS

Mantra (Music Producer): 1M+ streams; collaborations include Atlantic Records artists.

Eagle Scout

FBLA: 1st Place, Digital Animation, 2023 National Conference.