

Ayaan Malik

Analytical and collaborative university freshman skilled in software engineering, graphic design, and communication. Focused on fostering a brighter future and a positive societal impact for the next generation.
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EDUCATION

Purdue University August 2025 – Expected May 2028
Bachelors of Science, Computer Engineering GPA: 3.77

Northern Highlands Regional High School September 2021 – June 2025
Honors: National Honor Society, AP Scholar With Distinction, High Honor Roll GPA: 4.35

WORK & LEADERSHIP EXPERIENCE

JobAiro Remote
Founding Software Engineer Intern June 2026 – Present

- Shipped merged pull requests to a production React codebase as a founding engineering team member, contributing core frontend functionality for a job search platform serving candidates directly from verified ATS sources
- Proactively conducted end-to-end testing across the platform without direction, independently identifying and resolving bugs to improve site stability and overall user experience
- Self-initiated UI improvements across the product, refining layout, responsiveness, and visual consistency to elevate perceived product quality
- Demonstrated self-driven ownership as a founding team member in a fast-paced startup environment, identifying and resolving frontend issues without being assigned to do so

STREM HQ Tech Academy Remote
Computer Science Tutor August 2025 – Present

- Tutored students in Python and Java through structured, interactive coding lessons, reinforcing core programming fundamentals across multiple skill levels
- Designed individualized session plans tailored to each student's learning pace, building measurable confidence and problem-solving ability over time
- Delivered consistent one-on-one instruction remotely, adapting teaching strategies to maintain student engagement across virtual sessions

PROJECTS

e-z RSVP – 2nd Place, DeveloperWeek NY 2026 Hackathon – Next.js, TypeScript, React, Swift, Supabase, Stripe
ez-rsvp.vercel.app/

- Architected a web and native iOS app as a two-person team within a two week timeframe, shipping two production-ready platforms in Next.js, TypeScript, and Swift
- Engineered a mystery event discovery system with preference-based filtering, Stripe payments, and a live countdown reveal, concealing event details until event day
- Integrated Google Cloud auth, Supabase for real-time data, and auto-generated social sharing cards to deliver a seamless end-to-end RSVP experience

Spotify Song Card Designer – HTML, CSS, JavaScript
card1fy.vercel.app/

- Engineered a React web app enabling users to generate fully customizable, downloadable song cards
- Integrated Spotify API to dynamically retrieve song metadata including album art, track length, and artist details, powering real-time card previews
- Architected a modular component structure to support multiple card layout options and seamless user customization workflows

Docs Easy Copy – JavaScript

chromewebstore.google.com/detail/objlnnkkkhockbjcddlbkpfjpnampcgb

- Developed a Chrome extension published to the Chrome Web Store that injects a native-style "Make a Copy" button directly into the Google Docs UI, gaining 200+ organic installs and 400+ impressions
- Implemented DOM manipulation and event-driven logic to detect page state changes and seamlessly embed new functionality without disrupting existing interface behavior
- Delivered a polished, installable browser extension with zero external dependencies, optimizing a repetitive workflow for Google Docs users and growing an organic user base of 200+ developers and productivity users

TECHNICAL SKILLS

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

Frameworks: React, Next.js, Node.js

Developer Tools: Git, GitHub, Visual Studio Code, PyCharm, Vercel

Libraries: PyTorch, pandas, NumPy, Matplotlib