

Arnav Chauhan

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EDUCATION

Panther Creek High School

AP Calculus BC, AP Statistics, AP Physics C Mechanics, AP Computer Science A

Cary, NC

August 2022 – June 2026

EXPERIENCE

Incoming - YC Fellow

Y Combinator

June 2026 – August 2026

San Francisco, CA

- Invite-only community of 35 exceptional technical students that are hand-selected by Y Combinator partners.
- Provided 6 figures in non-dilutive funding and credits to pursue technical project(s) of my choice.
- Personally invited by Jared Friedman. More information available at events.ycombinator.com/fellows2026.

Forward Deployed Engineer + Operations

Vitalize

February 2026 – Present

San Francisco, CA

- Made my own position last summer, went back to school for a semester, and now finishing my last semester of high school online to move to San Francisco and build mission critical software for hospitals.
- Developed a "Rules Engine" for complicated, conditional employment type adjustments to be made in UI instead of manually in code.
- Fully automated profile sync integration with UKG WFM when initially configuring new units and hospitals.
- Independently engineered user guidance tools allowing new features to be released and trained on efficiently, saving customer success team time and increasing customer sentiment from executives.

Lead Organizer

NexHacks

August 2025 – January 2026

Carnegie Mellon University

- Organized one of the largest hackathons on the East Coast with 1000+ hackers and approximately \$150k raised.
- Secured participation from top VC's (General Catalyst, Menlo Ventures, NEA, Bessemer) and facilitated the deployment of \$80k+ in capital to promising startups and hackathon projects.
- Led outreach to get sponsors including Polymarket, a16z, PearVC, WisprFlow, Lovable, JP Morgan, etc.

Founder

OneFootGo

June 2024 – January 2026

Cary, NC

- Built AI video analysis tools for tennis players and runners to maximize performance without needing personal coaching, stemmed from personal complaints as an 8+ year athlete.
- Scaled to 400+ users, signed 35-court tennis park, reached 40k ARR with 30k profit.
- Used Roboflow, custom YOLO models, OpenCV, and Python to extract joint angles for form analysis.

PROJECTS

Vitalis | *TypeScript, Vite, Supabase, AWS, C++, ESP32*

November 2025

- HackNYU First Place Winner
- Built an AI Operations Command Center that integrates various software and hardware sources into a single platform to reduce cognitive load on nurses.
- Integrated a 4 sensor array with an ESP32 to simulate a live room data source.
- Validated idea by sneaking into an NYU Langone Emergency Room and gathering real-life feedback from nurses.

Poker? I hardly know her! | *Python, OpenCV, Roboflow, Meta Ray-Ban, Poker Cards*

February 2025

- Hack Club Scrapyard First Place
- Hijacked the Meta Ray-Ban's video feed to determine probability of winning the poker hand in play and solve homework at the same time.
- Created custom OpenCV pipeline to detect cards in hand, on the table, and facial expressions of competitors.

TECHNICAL SKILLS

Languages: Java, Python, C++, TypeScript, HTML/CSS, Swift

Frameworks: NextJS, Tailwind, Flask, Effect

Developer Tools: Git, GitHub, Docker, Google Cloud Platform, Amazon Web Services, Cursor, Claude Code, Codex, PlanetScale

Libraries: pandas, NumPy, Matplotlib, OpenCV, ffmpeg