

SAHEJ SINGH

508-685-5335 | sahejsingh2121@gmail.com | sahejsinghboston.com

[linkedin.com/in/sahej-singh-56623b2a1](https://www.linkedin.com/in/sahej-singh-56623b2a1) | github.com/sa3333

ABOUT ME

Rising high school senior with a passion for technology and entrepreneurship. I love building things, exploring AI tools, and figuring out how to solve real problems with code, from an AI job search bot to a full-stack membership platform used by my community. Hardworking and hands-on, I like taking projects from idea to something people actually use. Currently looking for summer internship opportunities where I can keep learning and contribute to a real team.

PROJECTS

Claw Bot: Job Search Automation Tool²⁰²⁶

Personal Project · Python, Claude API

- Built a bot that scrapes job listings from multiple websites and uses the Claude API to summarize postings and extract key details such as pay, requirements, and location
- Automated the process to run on a schedule, pulling in new postings without manual checking
- Combined web scraping with AI summarization to speed up the job search process

AI Powered SAT Error Log App²⁰²⁶

Personal Project · React, Claude API

- Built a study tool that reads SAT practice answers and sorts mistakes into categories such as careless errors, concept gaps, and timing issues
- Used the Claude API to automate mistake categorization instead of manual tagging
- Tracked error patterns across multiple practice tests to identify recurring weak areas

Gurdwara (Sikh Temple) Membership Platform^{2024 to Present}

Volunteer Project · Next.js, PostgreSQL, AWS

- Built and maintain a membership management site for the Westborough Gurdwara Sahib with separate admin and member logins
- Hosted the platform on AWS (EC2 and RDS) and restored the database from a snapshot after an accidental deletion
- Designed a dashboard to track membership statistics
- Added event registration and announcement features to support day-to-day operations for the congregation

Smart Pillow, TYE Boston (1st Runner Up)^{2023 to 2024}

TYE (TiE Young Entrepreneurs) is an eight-month academy where high school teams build real startups and pitch to judges for seed funding.

Co-Inventor, 2 teammates

- Co-invented a pillow concept featuring built-in speakers, sleep sounds, and snore detection
- Pitched the product to a panel of judges and placed 1st Runner Up out of about 20 teams
- Advanced to the TYE National competition; filing a provisional patent with legal counsel

BOGGED NFT Collection^{2022 to 2023}

Independent Project · Solidity

- Designed and launched a collection of 5,000 NFTs across Solana and Ethereum
- Built and managed a community of over 700 holders through Discord and social media
- Wrote and deployed smart contracts in Solidity

Shaadihouse Shopify Store²⁰²¹

Freelance

- Built and managed a Shopify store for a jewelry business, including product listings, payment setup, and SEO

EXPERIENCE

NishkamTV / Westborough Gurdwara Sahib (Sikh Temple) 2017 to Present

Audio/Video Volunteer

- Operate live streams for large-scale Gurdwara events with over 1,000 viewers, managing cameras, audio mixing, and streaming software
- Train new volunteers on AV equipment and procedures

Baywatana Documentary 2022 to 2024

Cinematographer, NishkamTV

- Filmed segments for a documentary on Afghan Sikh and Hindu refugees across Canada, the UK, and New York
- Documentary was screened at the Parliament of World Religions

SALDEF SikhLEAD Internship 2024

Washington, D.C.

- Selected for a competitive internship focused on Sikh civic engagement and public policy
- Met with legislative staff and attended the SALDEF National Conference

LEADERSHIP & ACTIVITIES

FRC Robotics, Team 467 2023 to Present

Electrical Subteam

- Work on wiring and electrical systems for the competition robot

Candy Sushi Kings Age 10

- Started a small business selling candy designed to look like sushi; won "Most Original Business Idea" at a local business fair

EDUCATION

Shrewsbury High School Class of 2027

Shrewsbury, MA

SKILLS

Languages: JavaScript/TypeScript, Python, SQL, Solidity, HTML/CSS

Frameworks & Tools: Next.js, React, PostgreSQL, AWS (EC2, RDS), Git, Vercel, Shopify

AV/Creative: Live streaming (OBS), Premiere Pro, DaVinci Resolve, audio mixing

Other: CAD (Onshape), 3D printing