

Karnav Trivedi

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EDUCATION

Georgia Institute of Technology

Aug 2025 – Dec 2027

B.S. Computer Science (Artificial Intelligence & Computer Networking)

GPA: 4.0/4.0

- **Relevant Coursework:** Data Structures & Algorithms, Computer Organization & Programming, Objects and Design, Discrete Mathematics, Intro to Object-Oriented Programming, Linear Algebra, Multivariable Calculus

TECHNICAL SKILLS & CERTIFICATIONS

Languages: Java, Python, JavaScript, TypeScript, SQL, HTML5, CSS

Developer Tools: AWS, Git, Docker, Firebase (Google Cloud Platform), Prisma, Supabase, PowerBI, Jira

Libraries/Frameworks: ReactJS, NextJS, NodeJS, VueJS, React Native, PostgreSQL

Certifications: CompTIA Security+, Microsoft Office (Excel, Word, PowerPoint), GIAC Foundations Cybersecurity Technologies (GFACT) National Cyber Scholar with Honors, Certiport IT Specialist - Software Development

EXPERIENCE

Software Engineer

Oct 2025 – Present

BetterCampus

Atlanta, GA

- Owned frontend development of onboarding, dashboards, file viewer, and navigation using **React and TypeScript**, improving usability for **2M+ active users**.
- Built **AI-driven productivity features** including timeboxing, reminders, and contextual notes, increasing user engagement and automation.
- Fixed **120+ production bugs** across grading, calendars, notes, and billing flows, improving platform stability.

Lead Software Engineer

May 2024 – Nov 2024

iVue

Atlanta, GA

- Built and shipped core UI components for a **remote drone control platform**, improving cross-system compatibility and day-to-day operator workflows.
- Led and mentored **9 engineering interns**, owning system architecture, **code reviews**, and Vue.js standards, accelerating feature delivery by **25%**.
- Optimized critical system paths by identifying bottlenecks and refactoring core logic, **reducing latency** and improving performance metrics by **15%**.

Software Engineer

Apr 2023 – Mar 2024

Swstech Global LLC

Atlanta, GA

- Worked directly with an **EY end client** to translate business requirements into production-ready technical solutions.
- Analyzed **10+ business use cases** and helped design **scalable software architecture** to support enterprise workflows.
- Supported the full **SDLC** through implementation, testing, and releases, contributing to **100% on-time delivery** across all milestones.

Chief Technology Officer

Jan 2022 – Jan 2023

AllTechSearch (ATS)

Cumming, GA

- Co-founded and led the technical launch of an online software business, owning architecture and engineering decisions.
- Built and maintained a **production-grade full-stack platform** using **C#, JavaScript, HTML/CSS, and SQL**, supporting live users with **99.9% uptime**.

PROJECTS

AuxAI – Collaborative AI-Powered Auto-DJ Platform

ReactJS | MongoDB | Spotify API

- Built a full-stack Spotify-integrated platform generating **30–50 track playlists** by aggregating user genres, top tracks, and listening history across group sessions.
- Implemented **Spotify OAuth**, data ingestion pipelines, and **AI-driven playlist ranking** using OpenAI across **5+ preference dimensions**.

NotiVet – Drug Alert Platform for Healthcare Professionals

ReactJS | PostgreSQL | Flask | Prisma

- Built a full-stack drug alert platform ingesting and managing **1,000+ FDA-approved drugs** with automated update pipelines and secure dual-role dashboards.
- Developed an **AI-powered clinical assistant** trained on **100K+ structured drug data points**, delivering source-backed guidance and summaries for veterinary workflows.