

# Karnav Trivedi

(470) 450-8016 · karnavnt@gmail.com · linkedin.com/in/karnav-trivedi · github.com/KarnavT

## 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, Certipoint 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.