

Akash Jain

678-665-0467 | akashjain1311@gmail.com | [GitHub](#)

EDUCATION

Georgia Institute of Technology | *Bachelor of Science, Computer Science (GPA: 3.6)*

Atlanta, GA May 2027

PROFESSIONAL SUMMARY

Computer Science student at Georgia Tech with over one year of software engineering experience and strong programming fundamentals in Java, Python, and C++. Skilled in full-stack web development using Angular, React, Spring Boot, and AWS, with proven ability to integrate real-time systems and optimize performance. Rapid learner adept at adapting to diverse projects and delivering high-impact solutions.

EXPERIENCE

SpaceX (Incoming Summer 2026)

Software Engineering Intern

Hawthorne, CA

Georgia Institute of Technology – Office of Information Technology (OIT)

Frontend Engineer

Sep 2025 - Present

Atlanta, GA

- Developed responsive React components to replace legacy CMS templates, modernizing internal web systems, rapidly learning new frameworks to deliver a more mobile-friendly user experience.

State Farm

Software Engineer Intern

May 2025 - Aug 2025

Bloomington, IL

- Rebuilt State Farm's customer-facing chat widget in Angular using the company's new design system, applying strong programming fundamentals and extending functionality by integrating with AWS Lambda backend services for real-time messaging.
- Built a fault-tolerant Amazon Connect wrapper with persistent WebSockets, delivery confirmation, transcript logging, and CDN/local fallback on AWS cloud infrastructure, ensuring 99.98% uptime with zero message loss across 2M+ monthly chats.
- Migrated customer-facing services from Node.js/AWS Lambda to containerized Java Spring Boot microservices on OpenShift, integrated Azure Entra ID OAuth2 and CI/CD pipelines, which improved deployment scalability and reduced release time
- Architected secure service-to-service authentication with Azure Entra ID token issuance, caching, and refresh, while implementing Kubernetes secret management for enterprise-grade credential security in a high-stakes environment.

Tours Limited

Software Engineer Intern

May 2024 - Aug 2024

Duluth, GA

- Engineered and launched a modern, responsive company website using React, designing reusable UI components and improving page load speed by 40% through code-splitting and performance optimizations, taking full ownership of the project.
- Integrated AWS CloudFront and S3 for global content delivery, enabling 99.9% uptime during peak traffic, and implemented CloudWatch monitoring to proactively detect and resolve issues.

PROJECTS

PropSage

Sep 2025 - Present

- Recognition: Selected as a Top 3 project using the TwelveLabs API at HackGT 12 (Sep 2025).
- Built a full-stack sports prop analytics platform that ingests live odds and player stats, computes fair lines & confidence scores, and surfaces actionable edges in real time.
- Integrated TwelveLabs video search to auto-pull relevant play clips; added WebSocket live updates and Redis caching to keep dashboards and alerts in sync with line movement.
- Shipped a production deployment on Vercel (edge/serverless) with Prisma ORM and Postgres/Turso; added robust observability and feature-flagged experiments for rapid iteration.

Electronic ARTrium

Aug 2024 - Present

- Employed Mediapipe, OpenCV, NumPy, and DepthAI with USB and depth cameras for real-time 3D pose detection, enabling the exhibit to dynamically respond to participants' presence and movement.
- Developed speech- and text-to-gesture control software using SpeechRecognition to animate both video and mechatronic characters, delivering a seamless interactive experience.
- Built an educational VR bomb-defusal game for K-12 students using Unity and Meta XR Toolkit; designed and animated 3D assets in Blender to teach logic, sequencing, and problem-solving

TECHNICAL SKILLS

- Programming & Foundations:** Programming Fundamentals, Java, Python, C, C++, JavaScript/TypeScript, MATLAB
- Web Technologies & Frameworks:** HTML/CSS, Angular, React, Node.js, Express, Spring Boot
- Cloud & DevOps:** AWS, Azure, GCP, Docker, Kubernetes
- Databases:** SQL, PostgreSQL, MongoDB
- Tools & Platforms:** Git, Vercel, Mediapipe, Unity, Blender