

Akash Jain

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EDUCATION

Georgia Institute of Technology
Bachelor of Science in Computer Science
GPA: 3.5

Atlanta, GA
Graduation Date: May 2027

EXPERIENCE

State Farm

May 2025 – Aug 2025

Enterprise Technology - Software Engineer Intern

Bloomington, IL

- Built a fault-tolerant Amazon Connect wrapper with persistent WebSockets, delivery confirmation, transcript logging, and CDN/local fallback, 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, integrating Azure Entra ID OAuth2 and CI/CD pipelines for scalable, maintainable deployments.
- Architected secure service-to-service authentication with Azure Entra ID token issuance, caching, and refresh, while implementing Kubernetes (MERNA) secret management for enterprise-grade credential security.
- Developed multi-environment CI/CD workflows with Docker and OpenShift (dev, QA, prod), streamlining deployments, reducing technical debt, and improving rollout reliability.

Tours Limited

May 2024 – Aug 2024

UX/UI Intern

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.
- 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.
- Collaborated with cross-functional teams to refine user journeys and implement A/B tested features, increasing average session duration and driving higher customer engagement.

PROJECTS

StockSense | *Python, Flask, React, Alpaca API, PostgreSQL, Docker*

Aug 2025 – Present

- Built a stock portfolio platform integrating the Alpaca API for live market data with a Flask backend and PostgreSQL database to securely manage portfolios and trade histories.
- Developed a responsive React frontend with real-time dashboards and interactive charts, delivering an enterprise-grade user experience.
- Containerized with Docker and deployed to Vercel, implementing CI/CD pipelines for reliable, production-ready scalability.

Electronic ARTrium | *Python, Unity, Blender*

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.

ADDITIONAL EXPERIENCE

Holt Consulting

Aug 2022 – Apr 2023

Plans Assistant

Duluth, GA

Patel Plastic Surgery

Jun 2021 – Aug 2021

Medical Intern

East Cobb, GA

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML/CSS, C, C++, MATLAB

Cloud Platforms: AWS, Azure, Google Cloud Platform

Frameworks & Developer Tools: Angular, Docker, Spring Boot, Node.js, React, Kubernetes, Express, MongoDB