Angel Loaiza

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EDUCATION

University of Georgia, Franklin College of Arts & Sciences – Athens, GA　　　　Graduated: May 2025
Bachelor of Science in Computer Science　　　　GPA: 3.71

Georgia Institute of Technology, Daniel Guggenheim School of Aerospace Engineering – Atlanta, GA　　GPA: 3.60
Attended for Major in Aerospace Engineering

EXPERIENCE

Tru Remodeling, INC.　　　　Lawrenceville, GA
Software Developer, Intern　　　　May 2024 – August 2024
- Designed, developed, and launched the official company website (truremodeling.com), establishing an online presence and directly contributing to a 16% increase in project volume and new client acquisitions.
- Built a comprehensive material and equipment inventory tracking system with database integration to monitor construction supplies, tools, and equipment across multiple job sites, reducing material waste and improving project cost management by 35%.
- Developed an internal communication platform featuring real-time chat systems, automated notifications, and alert mechanisms for project deadlines and safety incidents, improving team coordination and reducing project delays by 25%.

PROJECTS

Rideshare Mobile Application, Android Developer　　　　April 2025
- Developed a community-driven rideshare Android app using Java and Firebase with a points-based economy system
- Implemented secure user authentication, real-time ride matching, and comprehensive ride management features
- Built intuitive UI with navigation drawer and RecyclerView adapters for ride offers, requests, and acceptance workflows

Truest Assist, Full-Stack Developer | UGA X Hackathon Winner　　　　February 2025
- Co-developed "Truest Assist", an innovative gamified platform to simplify financial analysis learning, achieving 2nd Place in Truist Bank's challenge category.
- Engineered 5 interactive modules with AI-generated quizzes (Groq AI), video integration & MongoDB authentication.

AI Video Generator, Full-Stack Developer　　　　December 2024
- Developed a full-stack application that generates engaging short videos from text input using AI technologies.
- Combined Stability AI for image generation, ElevenLabs for voice synthesis, and MoviePy for video creation, resulting in dynamic videos with text overlays and narration.
- Built Next.js/TypeScript frontend & FastAPI/Python backend, handling 3 API integrations for efficient AI workflows.

Wardrobe Wizard, Full-Stack Developer　　　　October 2024 – November 2024
- Designed and developed a wardrobe management web application using Next.js and TypeScript, featuring user authentication and outfit creation capabilities.
- Implemented a comprehensive wardrobe organization system, allowing users to upload, filter, and search clothing items, and create outfits using an interactive mannequin feature.
- Utilized MongoDB for data persistence and enabled real-time updates for wardrobe and outfit management.

Cinema Booking Site, Frontend Developer　　　　August 2024 – December 2024
- Developed a cinema movie booking website from the ground up as part of a dedicated SCRUM team of 5.
- Built a dynamic, responsive user interface using React with TypeScript, Tailwind CSS, and Node.js with Express.
- Created website pages with functionalities for movie browsing, booking tickets, selecting seats, checkout, and user profile management.
- Developed an admin page with capabilities to add, update, and delete movies and manage promotions.

SKILLS

Languages: Java, JavaScript, TypeScript, Python, C, C++, MATLAB
Frameworks: Next.js, React.js, Node.js, Express, Spring Boot
Databases: MongoDB, SQLite, MySQL, Firebase
Technologies: Git, Maven, UNIX, AWS, Azure, Figma, Jira, Postman, REST APIs