

# HARSHITH MULAKALA

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## EDUCATION

**The University of Texas at Dallas**  
BS Computer Science *GPA: 3.9*

Richardson, TX  
August 2024 - May 2027

## PROFESSIONAL EXPERIENCE

**Speakl Inc.**  
*Head of Software*

Frisco, TX  
June 2025 - Present

- Built and maintained full stack web infrastructure with a focus on reliability, data integrity, and secure handling of user data
- Developed analytics pipelines for behavioral signals such as eye contact, pacing, and gesture analysis using Python-based models
- Worked with NLP and ML systems to analyze interviews and presentations, emphasizing correctness, monitoring, and iterative improvement of outputs

**ACM Research - AdFusion Text to Image Generation**

Richardson, TX

*Head Researcher*

September 2024 - December 2024

- Fine tuned and trained large language and diffusion models, requiring structured dataset handling and validation of generated outputs
- Built Selenium based web scraping tools in Python to collect and process thousands of ads, focusing on data quality, consistency, and automation

**TikTok**

Remote

*UGC Ad Creator*

March 2024 - March 2025

- Produced and analyzed large volumes of user generated content, requiring attention to platform policies, data handling, and content risk
- Collaborated with external partners to align deliverables with business objectives under tight timelines

**iTallentii Tech**

Frisko, TX

*Intern*

November 2022 - January 2023

- Developed scraping functionality for public web sources using JavaScript and Node.js
- Integrated frontend and backend systems using React and Node, emphasizing correct data flow and system reliability

## SKILLS

Programming Languages: Python, Java, JavaScript, TypeScript, C#, Swift, HTML, CSS

Frameworks & Tools: Flask, React, React Native, Electron, PyTorch, Selenium

Cloud & Data: AWS, Firebase, Supabase, SQL, DynamoDB

## PROJECTS

**Social Media Lens** *Python, Flask, Selenium, Gemini*

Built an AI web app with Bank of America that aggregates public social media posts by topic and timeframe, then analyzes trends and sentiment through automated pipelines

**PlayAI** *C#, Python*

<https://github.com/HarshithMulakala/PlayAI>

Built an AI tool that turns a text prompt into a playable Unity 2D game by generating scripts, textures, and assets automatically.

**Q Bot** *Node.js, JavaScript, Discord.js*

<https://github.com/HarshithMulakala/ReaderBot>

A Discord bot that integrates voice recognition and command handling to automate actions in voice channels

**ClipThat!** *Swift, XCode*

<https://apps.apple.com/us/app/clipthat/id6756780428>

An iOS app that continuously buffers on-device audio and lets users instantly save the last 30 to 60 seconds with one tap, enabling private, post-moment audio capture with zero cloud storage.

## AWARDS & CERTIFICATIONS

**Certiport Certified in Java, JavaScript, and Network Security**

Certiport

Certification demonstrating foundational knowledge in programming and network security concepts April 2022

**Academic Excellence Scholarship**

UT Dallas

Awarded for strong academic performance

January 2025