

# ANIRUDH SAYINI

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## Education

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### University of Florida

Aug 2023 – May 2025

*M.Sc. in Computer Science*

*GPA: 3.66*

**Coursework:** Analysis of Algorithms; Advanced Data Structures; Distributed Operating System Principles; Data Engineering; Mobile Computing; User Experience and Design; Data Science; Advanced Computer Networks

## Technical Skills

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**Languages & Frameworks:** Python, Java, C++, JavaScript, SQL, Django, React.js, Angular, Node.js

**Tools & Platforms:** AWS, Git, Linux, PostgreSQL, MongoDB, Firebase, Figma, Tableau, HPCC Systems

**AI & Data:** OpenAI API, Prompt Engineering

## Experience

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### Software Engineer

Oct 2024 – Present

*ScholarshipAuditions.com*

*Nashville, TN*

- Migrated legacy code from Angular 15 & Django 2.x to latest versions; introduced Playwright tests, improving code quality & reducing production bugs by 25%.
- Architected scalable backend features, including real-time messaging (Django Channels), Elasticsearch-powered student search, and reference-letter workflows; added Redis caching and PostgreSQL tuning to handle 100K+ daily API requests for 500K+ users.
- Built full-stack features across user portals—teacher dashboards, recruiter search systems, admin bulk-upload tools—and created an AWS S3/Lambda media pipeline for 10K+ audition videos.
- Designed and deployed AWS infrastructure (ECS, RDS, S3, CI/CD) from scratch, cutting deployment time from hours to minutes.
- Boosted platform performance **40%** by implementing Celery-based async processing and optimizing database queries.

### Software Engineer Intern

Jul 2024 – Oct 2024

*ScholarshipAuditions.com*

*Nashville, TN*

- Developed core platform features end-to-end, including student profiles with video uploads and teacher-reference workflows.
- Designed and built responsive marketing and landing pages in Webflow, aligned to brand guidelines to improve lead generation.
- Participated in Agile Scrum ceremonies, managed tasks via Jira, and collaborated cross-functionally to deliver on tight deadlines.
- Resolved production issues across the stack and streamlined workflows using Docker containerization.

## Projects

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### The Censoror

(Python, Regex, NLP)

- Developed a Python app for automated data censorship using advanced regex and NLP. Built a configurable CLI for file I/O, automated redaction, and compliance report generation.

### Multimedia Misogyny Identification and Automated Reporting System

(Python, NLP, ML)

- Built an AI system to detect and classify misogynistic social-media content, achieving 89.36% accuracy and improving moderation efficiency.

### Toxic Comment Classification

(Python, Tkinter, ML)

- Created a Tkinter-based ML app to classify toxic comments with 92.73% accuracy, enhancing end-user digital safety.

## Certifications & Achievements

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- Digital Badge in HPCC Systems Workshop.
- Google Data Analytics Specialization (Coursera).
- The Complete Web Development Bootcamp (Udemy).
- Published: “Automation of Profile Reporting System for Misogyny Identification” (IRJET).
- Learn Python Programming Masterclass (Udemy).