

# Hamza Salahuddin

478-305-1808 | mazeadone@gmail.com | hs14235.github.io |  
linkedin.com/in/hamza-salahuddin-551753219/

## TECHNICAL SKILLS

**Languages** | Python, Java, JavaScript, SQL, HTML5, CSS

**Backend** | Django, Node.js, Spring, PostgreSQL FastAPI

**Frontend** | React, Vite, Next.js

**Tools & Database** | GitHub, Docker, Postman, DBeaver, VS Code

## EDUCATION

### Bachelor of Science in Computer Science

*Georgia Southern University*

May 2026

Statesboro, GA

## LEADERSHIP

### Vice President

*Association for Computing Machinery (ACM)*

August 2025 – Present

Georgia Southern University

- Led planning and execution of ACM events for 100+ students, increasing engagement and participation.

## WORK EXPERIENCE

### Student Assistant

*Georgia State University*

September 2022 – December 2024

Atlanta, GA

- Led and trained a 10+ member team, improving order turnaround time and punctuality

### AI Model Generation Team Lead – Capstone

*Gulfstream Aerospace Corporation*

Jan 2026 - May 2026 (Expected)

Savannah, GA

- Leading a team building AI-driven simulation assets in Unreal Engine 5 for aerospace applications.
- Designing model pipelines with TRELLIS and inference integration within real-time UE5 environments.
- Collaborating with Gulfstream designers to translate custom client requirements into AI tasks.
- Managing architecture decisions, task allocation, and technical direction.

### Software Engineer (Full-Stack) – Trainline

Spring 2025 – Present

- Developed a full-stack, booking platform with REST APIs, role-based authentication, PostgreSQL schema, and responsive UI with notifications.
- Built modular React components using JSX/TSX with end-to-end booking flows including dashboard, authenticated user experiences, seat selection, payments, notifications, and real-time chat.
- Normalized relational schema in PostgreSQL for improved data integrity & relationships with every user, containerized in Docker for portability.

## PROJECTS

### Flight Booking Web App | PostgreSQL, HTML/CSS, Spring

Fall 2024

- Designed a transactional booking system using Spring Boot with authenticated user flows, normalized relational schema, and REST APIs.
- Implemented accessible UI patterns to support user accommodations, meals, embedded in the database for data integrity and efficient data manipulation

### meeting-to-tasks | FastAPI, Ollama (phi3:mini), GitHub Issues

Fall 2025

- Built a RAG-based system that converts meeting transcripts into GitHub Issues using FAISS + LLMs, reducing manual task creation after sprints with lightweight tools such as Vite for frontend
- Sentence-Transformers for embeddings and FAISS (local) vector store used to better understand large transcripts (meetings) with JSON configuration for the AI model
- Architected system for pluggable LLM backends (local and hosted APIs).