

# ADI TAUQIR

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## EDUCATION

### Georgia State University

Atlanta, GA

B.S. in Computer Science GPA: 4.28

Aug. 2027

- President's List- Fall 2024 - Fall 2025
- **Relevant Coursework:** Data Structures and Algorithms, Computer Organization and Programming, Theoretical Foundations of CS, Principles of CS I & II, Calculus I & II, Data Mining

## TECHNICAL PROJECTS

### Personal Portfolio | Next.js, React, TypeScript, Vercel

Aug. 2024 – Present

- Designed and built a responsive personal portfolio using Next.js (App Router), React, and TypeScript, integrating animated UI primitives (glassmorphism cards, liquid background, custom cursor trails) to showcase projects and technical skills.
- Implemented structured Git workflows (feature branching, PR reviews) and CI/CD pipelines via GitHub and Vercel.
- Optimized performance and SEO through server components, static generation, and route-level code splitting.
- Hardened the codebase for production with TypeScript strictness, ESLint, and Next.js static generation, ensuring type-safe components, clean dependency management, and fast, cacheable page loads.

### Zaman | Python, Encryption, JSON, Security

Aug. 2025 – Nov. 2025

- Engineered a task manager using Python curses and JSON database with modular state management and real-time interface updates.
- Designed modular components (AppState, ZamanUI, TaskUI, BrowseTasks) for clean separation of concerns, enabling faster feature addition.
- Piloted secure user authentication using JSON as a datastore with SHA-256 password hashing, successfully tested with 20+ sample accounts.
- Added robust error handling and logging to error.log, improving debugging efficiency by 60% for development and testing.
- **Awarded Second Place** - GSHacks Hackathon, recognized for security design, usability, and technical execution by 3 judges

### Arca.AI | Python, Supabase, LangChain, Docker

Aug. 2025 – Present

- Architecting and implementing an AI-Native and AI-First tutor to help students retention rate from subjects such as in STEM.
- Analyzed ML extraction workflows to convert PDFs and slides into structured JSON concepts and defining relational data models achieving 44% retention rate with Langchain
- Designed login menus in Supabase to support email logins with future plans for Google and Facebook login.
- Developing RESTful APIs to facilitate communication between the MCP server and the front end.

## PROFESSIONAL EXPERIENCE

### Regal Cinemas

Atlanta, GA

Floor Staff

Aug. 2025 – Present

- Handled 30+ customer transactions per shift in a high-volume environment while maintaining zero cash discrepancies.
- Coordinated with team members to streamline theater turnover and maintain operational efficiency during peak hours.
- Demonstrated reliability and accountability in time-sensitive service operations.

## ACHIEVEMENTS & CERTIFICATIONS

### GSU Technology Immersion Challenge (CTF Sponsored by Truist)

Atlanta, GA

Top 10 Team Finish

Nov. 2024

- Led cybersecurity challenge team solving Linux-based exploitation, packet inspection, and metadata analysis problems.
- Achieved **70%** challenge solve rate under time constraints through systematic enumeration and tool-based analysis.

### CodePath TIPS 102

Remote

Certificate of Completion

Sep. 2025 – Dec. 2025

- Strengthened advanced data structures, algorithmic optimization, and technical interview problem-solving.

### GSHacks Hackathon

Atlanta, GA

Second Place

Apr. 2025

## TECHNICAL SKILLS

**Languages:** Python, C/C++, Java, TypeScript, JavaScript, HTML/CSS, Latex

**Frameworks/Tools:** Next.js, React, LangChain, Docker, Git, Github Actions, Linux, FastAPI, TensorFlow, Conda

**Databases:** Supabase, MySQL, Redis

**Soft Skills:** Public Speaking, Technical Writing, Team Leadership, Problem Solving

**Languages Spoken:** English, Hindi/Urdu, German