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. 2024 – 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, Linux, FastAPI
Databases: Supabase, MySQL, Redis
Soft Skills: Public Speaking, Technical Writing, Team Leadership, Problem Solving
Languages Spoken: English, Hindi/Urdu, German