

## Asad Rizvi

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Ithaca, NY 14850

### Education

#### Cornell University, College of Arts & Sciences

Bachelor of Arts in Computer Science

Ithaca, NY

Expected May 2029

**Related Courses:** Object-Oriented Programming & Data Structures (Java), Discrete Structures

GPA: 3.89/4.00

### Technical Skills

- **Back-end Development Tools:** Python, Java, FastAPI, Node.js, Rust
- **Front-end Development Tools:** Flutter, Express.js, Streamlit
- **Cloud & Deployment Tools:** Supabase, Docker, AWS, Vector Databases, PostgreSQL
- **AI & Data:** Langchain, Hugging Face, OCR, RAG, Scikit-learn, Pytorch, NLP
- **Languages:** English, Urdu, Spanish, French

### Professional Experience

#### Cornell GenAI Club (Bridge Marketplace Project)

September 2025 - Present

AI Developer

Ithaca, NY

- Developed an AI-powered RFP loan request autofill engine that converts unstructured financial documents into structured JSON outputs for borrower registration.
- Created **FastAPI services** for data ingestion, LLM-based extraction, schema mapping, and validation.
- Integrated **OCR and external APIs** (Crunchbase, Clearbit) to enrich financial data & improve data integrity.
- Implemented **provenance** and confidence scoring to ensure transparency and accuracy across all fields.

#### RIIGTech

June 2024- July 2024

AI Engineer

Remote, Virginia, USA

- Built and deployed an **AI summarization and GraphRAG retrieval system** for legal and documents.
- Implemented evaluation pipelines to measure factual accuracy and citation traceability in LLM outputs.
- Fixed error in Microsoft GraphRAG source code and optimized prompts.
- Presented to C-suite leadership, informing the firm's AI document compliance strategy

#### Gulf Intel AI Automation Agency

June 2024 - Present

Co-Founder

Bahrain

- Transitioned 3+ local businesses from in-person to AI-enabled online systems using **FastAPI + n8n** workflows.
- Built **multilingual chatbots**, and AI retargeting pipelines that reduced operational overhead by 60%.
- Led product design, backend infrastructure, and client deployment strategy across multiple SMEs.

#### Cornell Blockchain Accelerator

September 2025 - Present

Member

Ithaca, NY

- Selected for student-led cohort supporting blockchain startups with execution and demo-day preparation
- Working with founder teams to refine product-market fit, design token-economy models, and evaluate smart-contract prototypes.

### Projects

#### Smart Receipt & Statement Analyzer

July 2025

Independent Project

Bahrain

- Built a web app that parses receipts and bank statements using OCR to extract and categorize transactions.
- Developed a Streamlit dashboard to display categorized expenses and spending trends through interactive visualizations.

#### CommitMint

December 2025

Solana Student Hackathon Project

Ithaca, NY

- Architected a decentralized commitment platform that lets users stake financial value against verifiable goals.
- Developed an AI verification agent that autonomously audits user progress in these challenges.
- Optimized user onboarding with Privy embedded wallets and Moonpay, allowing frictionless fiat-to-crypto Funding via Apple Pay, abstracting blockchain complexities for a mainstream audience.