SHAIK ARMAAN SHOAIB

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EDUCATION

Mahatma Gandhi Institute of Technology — Dec 2021 – Aug 2025
Bachelor of Technology in Computer Science — *Hyderabad, TG*

- CGPA: **8.16**
- Relevant Coursework: Data Structures and Algorithms, Big Data, DBMS, Machine Learning, Web Development, Computer Networks, Cloud Computing

EXPERIENCE

System Engineering Intern — Feb 2025 – Jul 2025
Crowe Horwath IT Services LLP — *Hyderabad, TG*

- Managed Azure infrastructure: Load balancers, cost analysis, Azure Advisor recommendations to optimize cloud resource usage in collaboration with project managers.
- Executed code merges, multiple daily deployments, and pipeline executions using **Azure DevOps** and Life-cycle Services (LCS) reducing manual deployment time.
- Database backup and refresh operations between Tier-1 and Tier-2 environments in Dynamics 365 F&O using **SQL Server Management Studio (SSMS)** ensuring data consistency.

PROJECTS

SSL Expiry Monitoring Automation | *Python, Playwright, Azure Blob Storage, Logic Apps* — Jun 2025 – Jul 2025

- Built a distributed SSL- expiry monitoring system that runs a **Playwright**-powered Python script on weekly basis to access LCS and extract environment **10+** URLs.
- Results are written as JSON into Azure Blob Storage, then an Azure **Logic App** parses the data and sends automated email alerts for any certificates expiring within 30 days **saving hours** of manual work.

AI Document Summarizer | *Python, Flask, HTML, CSS, JavaScript* — Oct 2024 – Nov 2024
Links: GitHub — Live Demo

- **Flask** based web application that summarizes documents such as PDF, DOCX, PPT, TXT Files using Artificial Intelligence.
- Developed using **Cloudmersive API** to extract content from PDF and **llama3-8b-8192 AI API** from Groq Platform to summarize the extracted text.
- Deployed the web app in AWS EC2 Instance.

Social Media Video Downloader | *JSP, HTML, CSS, JavaScript* — Sep 2024 – Oct 2024
Links: GitHub — Live Demo

- Java based social media video downloading web application with dynamic UI to download Instagram Reels, YouTube Videos, Facebook Videos.
- Developed using **Instagram Scraper API** and **SMVD API** from Rapid API Platform to extract the media info such as audio details, video source URL and deployed the web app in AWS EC2 Instance.

TECHNICAL SKILLS

Languages: Java, Python, C/C++
Web: HTML, CSS, JavaScript, Flask
DevOps: Git, TFVC, Azure DevOps, Pipelines, Logic Apps
Databases: SQL, MongoDB
Cloud: Azure, AWS