

Md Athar Reza

Cloud-Focused Full-Stack Developer

Professional Summary

Cloud-focused MCA student with hands-on experience in full-stack development and AWS services. Proven ability to architect scalable AI-driven applications and deploy robust web solutions. Passionate about automating workflows using Python and DevOps methodologies to optimize delivery pipelines.

Technical Skills

Cloud & DevOps AWS (EC2, S3, IAM, Lambda), Linux, Git, GitHub, Postman, CI/CD Basics

Languages Python, Java, SQL, JavaScript (ES6+)

Web Development React.js, Node.js, Express.js, Tailwind CSS, HTML5, RESTful APIs

Tools VS Code, GitHub Actions, Docker (Familiarity)

Experience

2023–Present **Subject Matter Expert**, *Chegg India*, Remote

- Resolved over 100+ complex Data Structures and Algorithms (DSA) queries with high accuracy ratings.
- Simplified advanced coding concepts for students, improving logical reasoning and problem-solving benchmarks.
- Provided structured technical documentation for solutions to ensure clarity and scalability.

2022–2022 **Social Media Intern**, *Hamari Pahchan NGO*, Kolkata

- Spearheaded data-driven content strategies resulting in an 87% increase in follower growth (800 to 1,500).
- Optimized digital campaign reach by analyzing engagement metrics and tailoring content for target demographics.

Projects

AI Platform **AgriSense - AI-Powered Agricultural Platform**, *Full-Stack*

- Built a full-stack platform integrating real-time crop pricing and OpenWeather APIs to empower farmer decision-making.
- Integrated an AI assistant using NLP to analyze crop health data, providing simplified insights for rural users.
- Engineered a mobile-first responsive UI using Tailwind CSS, ensuring accessibility across low-bandwidth devices.

NLP Tool **Sentiment Analysis Application**, *Python & React*

- Developed a tool to process and analyze YouTube comment sentiments using RESTful APIs and Python-based NLP libraries.
- Structured scalable API interactions to simulate cloud-based text processing workflows.
- Deployed the frontend via GitHub Pages, enabling public accessibility and automated testing cycles.

Kolkata, West Bengal – India

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1/2

Education

- 2024–2026 **Master of Computer Applications (MCA)**, *Aliah University*, Kolkata
Pursuing
- 2021–2024 **Bachelor of Computer Applications (BCA)**, *Aliah University*, Kolkata
Graduated

Certifications & Achievements

- 2025 Deloitte Technology Job Simulation: Completed modules on coding and dashboard proposals.
- 2024 Java & Python Programming: Certified by Internshala.
- 2023 AWS Cloud Practitioner Essentials: Self-paced learning and lab execution.

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