Aashiq Rahaman

Aspiring Software Engineer | Kolkata, West Bengal, India

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SUMMARY

Aspiring Software Engineer and AI Engineer with expertise in full-stack web development and AI/Machine Learning. Proficient in technologies including React.js, Node.js, Python, and TensorFlow. Demonstrated strong problem-solving and DSA skills by solving 100+ algorithmic challenges on LeetCode and 50+ on GFG. Seeking to apply these skills to build scalable, cloud-ready applications and contribute to innovative AI-driven solutions.

SKILLS

Languages:	C, Python, Java, JavaScript
Tools:	Git, GitHub, VS Code, Netlify, Postman
Web Development:	HTML5, CSS3, Bootstrap, Node.js, MongoDB, React.js, MySQL, Tailwind CSS
Soft Skills:	Problem-solving, Team Collaboration, Technical Support
Machine Learning:	OpenCV, TensorFlow

EDUCATION

Bachelor of Technology in Computer Science and Engineering
Maulana Abul Kalam Azad University of Technology, WB, Nadia
Oct 2022 – Present | GPA: 8.1/10 (Till 6th semester)

Higher Secondary Board Exam
West Bengal Council of Higher Secondary Education, Howrah
Apr 2018 – Apr 2020 | Percentage: 85.80%

Secondary Board Exam
West Bengal Board of Secondary Education, 24 PGS.(N)
Jan 2016 – Feb 2018 | Percentage: 89.85%

EXPERIENCE

DEEPFAKE DETECTION – Academic Project [Python, TensorFlow, OpenCV] [github.com/AashiqRahaman/Deepfake...]
Developed and trained a CNN model with TensorFlow and OpenCV to detect deepfake images and videos, using 5,500+ real and 6,000+ fake facial frames. Built a preprocessing pipeline (face detection, frame normalisation) that improved model performance; achieved 95% accuracy on a custom test set of 1,200 real and 1,200 fake frames.

IMAGE ENCRYPTION [Python] [github.com/AashiqRahaman/AES...]
Researched and executed conversion of medical images to JPEG 2000 and integrated AES encryption for secure storage and transmission. Wrote Python scripts to encrypt, decrypt, reducing unauthorised-access risk; analysed image quality and encryption it convert and compress DICOM to JPEG 2000 format which reduce file size approximately 80%. But encryption process uses AES in CBC a robust encryption mode and algorithm is designed to be lossless. Applied a batch-processing workflow and tested on 100+ medical image dataset that reduced processing time by over 90% compared to single-file methods.

UNIVERSITY RESOURCE PORTAL [React.js, Node.js, MongoDB, Tailwind CSS] [github.com/AashiqRahaman/P...]
Constructing a web portal using React.js, Node.js, and MongoDB to streamline access to academic resources (over 100+ data files of past papers).
Implemented a secure user authentication system for 2 user roles (User/Students and Admin)

ACHIEVEMENTS & CERTIFICATIONS

Solved 100+ algorithmic problems on LeetCode. [leetcode.com/Aashiq_Rahaman01]
Solved 50+ algorithmic problems on GFG. [geeksforgeeks.org/user/aashiqrahaman]
Participation in Hackathon.[Mar 2024] [verification.givemycertificate.com/df27dd54...]
IBM Certified in Python for Data Science and Prompt Engineering for Everyone. [Aug 2025] [courses.cognitiveclass.ai/certificates/e1...] [courses.cognitiveclass.ai/certificates/54a...]
Student Ambassador for Internshala [Jun - Jul 2025]

LANGUAGE

English	: Advanced
Hindi	: Fluent
Bengali	: Native