MD WALEEDUL HAQUE

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SUMMARY

Results-oriented Computer Science Engineering undergraduate with hands-on experience in Full Stack Development (MERN) and Artificial Intelligence. Strong background in building scalable, real-time web applications, designing RESTful APIs, and developing machine learning models for real-world use cases. Experienced with Firebase-based backends, cloud deployment foundations, and modern development workflows. Passionate about building high-impact software products across EdTech, streaming, AI, and social platforms.

EXPERIENCE

AI & ML Intern
Edunet Foundation (AICTE)   June 2025 - July 2025
- Completed a 6-week intensive internship focused on Artificial Intelligence and Machine Learning fundamentals.
- Developed a machine learning-based Employee Salary Prediction model using Python and Scikit-learn.
- Trained and evaluated models achieving approximately 85% prediction accuracy.
- Processed and analyzed datasets containing 5,000+ employee records.
- Performed feature engineering on 12+ attributes to improve model performance.
- Collaborated in a 4-member team to design an AI-driven decision-support solution.

MERN Stack Development Intern
Webstack Academy   Aug 2025 – Oct 2025
- Contributed to the development of 2+ full-stack web applications using the MERN stack.
- Built and integrated 15+ RESTful API endpoints using Node.js and Express.js.
- Improved frontend page load performance by approximately 30% through UI optimization.
- Reduced API response time by nearly 20% by optimizing backend logic and database queries.
- Managed and queried MongoDB databases containing 10,000+ records.
- Followed best practices in version control, modular architecture, and Agile-based development.

Campus Ambassador
Unstop (formerly Dare2Compete)   Nov 2025 - Present，GLA University
- Promoted national-level hackathons, coding competitions, and internships to 300+ students.
- Increased student participation in Unstop-hosted technical events by approximately 30%.
- Coordinated and promoted 10+ competitions, hiring challenges, and tech initiatives on campus.
- Acted as a liaison between Unstop and GLA University for outreach and engagement programs.

PROJECT

UniCrush – College Social Networking Platform
- Created a real-time social networking platform for university students with Firebase as backend.
- Implemented authentication, user profiles, and real-time data updates using Firestore.
- Designed the architecture with future scalability and cloud deployment on AWS.

VidSwift – Video & Audio Downloader Platform
- Developed a tool for downloading videos and audio from multiple platforms in all available quality formats.
- Implemented efficient media handling and streaming logic for high-quality downloads.
- Designed the system with extensibility for future streaming and platform integrations.

Employee Salary Prediction System
- Developed a machine learning model to predict employee salaries based on experience and performance features.
- Performed data cleaning and feature engineering to improve prediction accuracy.
- Visualized results and evaluated model performance using Jupyter Notebook.

MentoraX – EdTech Platform
- Built a full-featured educational platform with course management and automated certification workflows.
- Integrated Razorpay payment gateway for secure transactions and premium subscriptions.
- Implemented real-time authentication and database services using Firebase and Supabase.

StreamNode – Self-Hosted Live Streaming Platform
Personal Project
- Developed a self-hosted WebRTC-based live streaming platform supporting 20+ concurrent streams.
- Achieved sub-300ms streaming latency through optimized peer-to-peer connections.
- Built a custom Node.js signaling server for real-time stream coordination.
- Improved stream stability and quality by ~40% across variable network conditions.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science & Engineering
GLA University · Mathura, India · 2027 · 7.1 / 10.0

CERTIFICATIONS

IBM Full Stack Software Developer Professional Certificate

Google IT Automation with Python Professional Certificate

Meta Frontend Developer Professional Certificate

SKILLS

Java, Python, JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3

Git, GitHub, Docker, AWS (basic), Postman, Vercel, Linux

MongoDB, MySQL, Firebase (Firestore), Supabase

TensorFlow, Scikit-learn, Pandas, NumPy, Computer Vision, Jupyter

React.js, Node.js, Express.js, Flask, Tailwind CSS, Bootstrap

ACHIEVEMENTS

Ranked **Top 30 in SIH Internal Hackathon Round** at GLA University.