

Tauqeer Alam

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EDUCATION

Noida Institute of Engineering & Technology	Greater Noida, UP
<i>B.Tech – Computer Science and Engineering (Data Science) — CGPA: 7.8</i>	2023 – 2027
Dr. Jagannath Mishra Mahavidyalaya	Bihar, India
<i>Class XII – Bihar School Examination Board — 73.8%</i>	2023
D.A.V Public School	Bihar, India
<i>Class X – Central Board of Secondary Education — 72.8%</i>	2021

PROJECTS

Customer Retention and Cohort Analysis Dashboard <i>Python, SQL, Power BI</i> GitHub	Feb 2026 – Mar 2026
– Built an end-to-end customer analytics pipeline using the Olist e-commerce dataset, analyzing retention, churn, and customer lifetime value across 100k+ transactions.	
– Developed cohort retention analysis and SQL-based business queries to identify repeat purchase behavior and high-value customer segments.	
– Designed an interactive Power BI dashboard featuring cohort heatmaps, retention KPIs, revenue trends, and customer insights visualizations.	
SwadeshIntern <i>React.js, Firebase, TailwindCSS</i> live	Nov 2025 – Jan 2026
– Built a production-grade full-stack virtual internship platform featuring Firebase Auth, Firestore-backed role management, and real-time data sync.	
– Engineered a responsive, mobile-first UI encompassing internship listings, application tracking dashboard, and a mentor connect module.	
– Integrated APIs for dynamic content delivery and automated enrollment workflows, reducing manual onboarding effort.	
CodeFlow – Real-Time Collaborative Code Editor <i>React.js, Firebase Realtime DB</i> live	Apr 2025 – May 2025
– Developed a real-time collaborative code editor using Firebase Realtime Database, enabling sub-second sync of code edits, integrated chat, and persistent theme preferences.	
– Implemented QR-code-based session sharing and multi-device responsive design, making remote pair programming significantly more accessible.	

CERTIFICATIONS

AWS Academy Graduate – Cloud Architecting <i>Amazon Web Services (AWS Academy)</i>
Python for Beginners <i>Infosys Springboard</i>
Network Automation with Python for Network Engineers <i>Udemy</i>

PUBLICATIONS

Explainable Ensemble ML Framework for Customer Churn Prediction <i>IJESR, SoMCON 2026</i>	Mar 2026
– Co-authored and published in <i>Int. Journal of Engineering & Science Research</i> , Vol. 16, Issue 1s, pp. 104–110 (ISSN: 2277-2685).	

TECHNICAL SKILLS

Languages:	Python, C++, JavaScript
Frontend:	React.js, HTML5, CSS3, TailwindCSS
Backend & APIs:	Node.js, FastAPI
Automation:	n8n, Zapier
Data & ML:	Pandas, NumPy, Scikit-learn
Databases:	MySQL, MongoDB, Firebase Firestore, Firebase Realtime Database
Tools & Platforms:	Git, GitHub, Postman, Jupyter Notebook, Google Colab, Power BI

POSITIONS OF RESPONSIBILITY

Vice President	2025 – Present
<i>Data Dazzle Club, NIET</i>	
– Led club initiatives by organizing workshops, projects, and events on data science and analytics while mentoring peers and fostering collaboration.	
Technical Lead	2025 – Present
<i>GeeksforGeeks (GFG) Student Chapter, NIET</i>	
– Coordinated technical projects, coding sessions, and hackathons; mentored peers in problem-solving and development to strengthen chapter engagement.	