

KUSHAGRA KIYAWAT

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Education

Netaji Subhas University of Technology <i>Bachelor of Technology in Computer Science specializing in Big Data Analytics - 7.49 CGPA</i>	2023 – 2027 <i>Delhi</i>
Ryan International School <i>Class XII - 94%</i>	2022 <i>Delhi</i>
Ryan International School <i>Class X - 92.2%</i>	2020 <i>Delhi</i>

Experience

WorldQuant LLC ↗ <i>Research Consultant</i>	May 2025 – Present <i>Remote / Global</i>
<ul style="list-style-type: none">Built and tested 25+ quantitative alphas using the WorldQuantBRAIN simulation platform, applying data-driven models and academic research to market inefficiencies.Designed and refined alpha strategies using alternative data sources to capture inefficiencies across varying market regimes.	
Metafusion.ai ↗ <i>Fullstack Intern</i>	June 2024 – Present
<ul style="list-style-type: none">Independently built a 30+ page React site (95+ Lighthouse score) showcasing Vision-AI video-analytics products and driving traffic to demo-request forms.Created a facial recognition-based attendance system with real-time alerts using React.js, Node.js, MongoDB, Firebase, reducing manual errors by over 99%.Engineered full-stack SaaS applications integrating Computer Vision and NLP, cutting prototype-to-deployment cycles by 25% through modular architecture.	
MathonGo ↗ <i>Content Research and Development Intern</i>	Aug 2023 – Oct 2023
<ul style="list-style-type: none">Conducted detailed analysis of engineering entrance exams to identify core learning areas.Authored 1,000+ exam-level questions (easy→hard) based on 10 years of JEE trends.Enhanced learning outcomes through targeted content now used by over 100,000 students nationwide.	

Projects

Invoiced ↗ <i>React Native, TypeScript, React, Firebase</i>
<ul style="list-style-type: none">Developed an invoice-sharing app with offline support and cross-platform functionality on web and Android using React Native and Firebase.Implemented real-time data sync and authentication, enabling seamless login, invoice updates, and easy sharing.
NSUT IIF Incubation Platform ↗ <i>NextJS, NextAuth.js, MongoDB, AWS</i>
<ul style="list-style-type: none">Developed a scalable, role-based web platform for NSUT IIF, enabling streamlined startup incubation through dedicated admin and founder dashboards.Enabled real-time data access and improved oversight and operational efficiency for 10+ startups.

Technical Skills & Certifications

- Languages:** Python, C++, JavaScript, TypeScript, SQL, HTML/CSS, R
- Technologies/Frameworks:** React.js, Node.js, React Native, Next.js, AngularJS, Express.js, Tailwind CSS, RESTful APIs, Docker, Web Sockets, CI/CD
- Libraries:** Pandas, NumPy, Matplotlib, scikit-learn
- Other:** Git, Firebase, MongoDB, Vim, Linux, Bash, Data Structures Algorithms, Object Oriented Programming, Software Development Life Cycle, UI/UX, Microsoft Office Tools
- Certifications:** Google Data Analytics Certification ↗, Business Analysis and Process Management ↗, JPMC Software Engineering Job Simulation ↗

PORs & Extracurricular

- Vice President** at **NSUT Incubation and Innovation Foundation (NSUT IIF)**, contributing to the growth of entrepreneurial ventures.
- Web Development Head** at- **D'Code, NSUT**, actively organizing and managing technical events, hackathons and workshops.
- Core Member** of **Crescendo, NSUT**, organized and managed campus performances, inductions, and music workshops, coordinating rehearsals, stage, and promotions.
- Completed 6 years of formal training** in Indian classical music, demonstrating discipline and artistic dedication.