

RISHI AGARWAL

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EDUCATION

Maharaja Agrasen Institute of Technology

B.Tech in Computer Science and Engineering / CGPA: 9.023/10.0

New Delhi, India

Maharaja Agrasen Public School

CBSE / Class 10th: 96.4% / Class 12th: 95%

New Delhi, India

TECHNICAL SKILLS

Programming: C++, JavaScript, Python, Java, SQL

Frontend: React.js, Next.js, Tailwind CSS

Backend: Node.js, Express.js, REST APIs, GraphQL

Databases: MYSQL, MongoDB

Tools: Git, GitHub, Postman

WORK EXPERIENCE

GeeksForGeeks | Member of Technical Staff

09/2025 – Present

- Crafted and tested DSA problems for the Practice Portal, planned content and technical events, and collaborated with stakeholders to enhance platform features.
- Streamlined problem-setting workflows and established scalable content delivery processes, ensuring high-quality DSA learning resources.

GeeksForGeeks | DSA Course Mentor

08/2025 – 09/2025

- Mentored 1500+ students in Data Structures and Algorithms, fostering a collaborative and high-performance learning environment.

Lessonpal (Global Online Teaching Platform) | Technical Instructor

02/2024 – 08/2025

- Delivered 250+ hours of Programming, Computer Science, and Math to 30+ students, achieving 95% objective completion.
- Maintained 4.9/5 rating from 50+ reviews while raising technical proficiency scores by 35%.

NextPhase | Software Development Engineer Intern

03/2025 – 04/2025

- Coordinated backend service development with a team, achieving 99.99% uptime on RESTful APIs scaling to 5,000 req/min.
- Launched cloud infrastructure and collaborated on mobile app development, ensuring reliable, cross-platform delivery.

PROJECTS

Smart Pay | Next.js, TypeScript, Python, MongoDB | Deploy Link | Live Demo

06/2025

- Collaborated with a cross-functional team of 5 engineers to deliver a fintech platform reducing payment abandonment by 40% and preventing \$28K+ in losses.
- Integrated JWT-based authentication and deployed machine learning models achieving 92% fraud detection accuracy.
- Improved user engagement by 35% via responsive UI built with Tailwind CSS.

Premium Payment Prediction | Machine Learning, Data Science | Deploy Link | Live Demo

01/2025

- Engineered a scalable ML web app serving 300+ daily users, optimizing data processes to enhance training efficiency by 35%.
- Delivered real-time, high-accuracy (89%+) predictions with Flask API hosting.
- Facilitated collaboration with data scientists and engineers for model improvement and deployment.

HACKATHONS & LEADERSHIP

Amazon HackOn Season 5 – National Semi-Finalist (Code Link)

06/2025

- Architected AI-powered fintech solution with real-time fraud detection achieving 92% accuracy, reaching Top 100 of 20,000+ teams.
- Presented prototype to Amazon's leadership panel, securing recognition among top innovators.

FrontendFiesta Hackathon, NSIT Delhi – Runner-Up (Certificate)

05/2023

- Built e-commerce marketplace with 8 core functionalities in 2-hour sprint (92/100 score).
- Demonstrated leadership and teamwork by participating in hackathons and guiding peers, consistently delivering innovative solutions under tight deadlines.