

Kushagra Singh

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Summary

Aspiring DevOps and Cloud Engineer

Hands-on experience with AWS and Kubernetes through academic projects. Strong problem-solving and leadership skills with a passion for cloud-native technologies and automation.

Education

GLA University, Mathura

September 2022 – June 2026

Bachelors of Technology (Honours) in Computer Science

7.94/10

Delhi Public School, Kanpur (CBSE)

April 2021 – March 2022

Intermediate

80%

Delhi Public School, Kanpur (CBSE)

April 2019 – March 2020

High School

85%

Skills

Technical Skills: Devops, AWS, Python, C, Java, JavaScript, HTML, CSS, Bootstrap, React.js, Node.js, Express.js, MySQL, MongoDB, Version Control, AI/ML, Data Analytics, Tableau , Power BI.

Courses: Cloud Computing, Devops, Data Structures & Algorithms, Operating Systems, Database Management Systems, Computer Networks, Object-Oriented Programming, Natural Language Processing, Deep Learning, Full Stack Web Development, Data Analytics.

Professional skills: Management, Problem Solving, Leadership.

Training and Experience

Job Oriented Value Added Course(JOVAC)

June 2024 –July 2024

Trainee

GLA (Remote)

- Completed cloud computing training under JOVAC (Technical Guftgu), with hands-on experience in AWS, Linux commands, and domain setup.
- Deployed a Kubernetes project focused on container orchestration, automated scaling, and cloud infrastructure management.

Projects

Sign Language Detection System | Python, Machine Learning

- Built a predictive ML model to recognize sign language gestures for improved accessibility.
- Enabled inclusive hiring insights by analyzing gesture data and recommending performance improvements.

Kubernetes | AWS | Cloud Computing

- Deployed a cloud-native system using Kubernetes for automated scaling and container management.
- Ensured efficient orchestration of sub-services and optimized resource utilization on AWS.

WellTrack – Health Management Platform | Generative AI, CI/CD

- Developed a generative AI platform for tracking sleep, diet, and exercise patterns.
- Integrated digital health cards and CI/CD pipeline for seamless record sharing and continuous delivery.

Achievements

- Secured 2nd position in C programming Quiz organized by GLA
- NPTEL Discipline Star Awardee** – Honored for top performance across multiple IIT-led NPTEL courses, reflecting consistent academic excellence and dedication to upskilling.

Certifications

- AWS - Cloud Computing: Technical Guftgu.
- AWS Associate Developer: Udemy by Stephen M.
- Coursera - Innovation Through Design | SQL: Practical Introduction for Querying Databases.

Co-Curricular Activities

- Coordinated 2yr Induction program for B.Tech (Hons.)
- Active member in E-CELL.
- Participated in Technex (Techno-Management Fest, IIT-BHU, March, 2024).
- Participated in Cognizance (Technical Fest, IIT ROORKEE, March, 2025).