

GAJENDER YADAV

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EDUCATION

UNIVERSITY INSTITUTE OF ENGG AND TECH (UIET), KURUKSHETRA UNIVERSITY, KURUKSHETRA

Bachelor of Engineering and Technology | Electronics and Communications

Passing May 2025

Cumulative GPA: 7.02/10.0

Relevant Coursework: Signal and System, Digital Signal Processing, Digital Communication, Digital Electronics, Computer Networks

RPS PUBLIC SCHOOL, REWARI

PCM with Computer Science

Passed May 2021

Cumulative Percentage: 76.8%

SKILLS

- Maintained and optimized Unix based servers, ensuring 15% uptime and reducing incident resolution time. Robust security posture by implementing ACLs, SELinux policies, and firewalls to prevent data breaches and ensure compliances. Proficient in System administration with Virtualization (KVM) and Recovery Storage Management, resource utilization and ensure data security.
- Developed scripts and applications in Python and Bash, Yaml to automate scripting, monitor by reducing manual intervention to reduce errors and improved efficiency for repetitive tasks and streamlining data processing. Improved data analysis efficiency through automating workflows. Leveraged strong Python skills to develop innovative solutions. Proficient in scripting languages, automation techniques, and data analysis.
- Commanded Git, GitHub, and GitLab for efficient code management and collaboration. Code traceability with version control and branching strategies. Streamlined code reviews and issue tracking with GitLab features. Experienced in CI/CD pipelines for automated build and deployment in GitLab. Skilled in version control tools, branching strategies, collaboration platforms.
- Pioneered the development of secure and cost-optimized third-tier applications on multi-cloud platforms (GCP, AWS, Azure) reducing costs by 25% through efficient cloud architecture and resource utilization. Enhanced security posture with robust security measures and cloud best practices. Leveraged containerization (Kubernetes) and serverless functions (CloudFront) for scalability and agility. Deep understanding of cloud platforms, containerization, serverless functions, and cloud security.
- Employed Docker and Kubernetes to containerize and orchestrate applications on bare metal and cloud platforms. Streamlined deployment processes and enhanced scalability through containerization and orchestration. Maintained container repositories (Docker Hub, GCR, ECR) for efficient image management. Strong understanding of containerization principles, image building, deployment, and scaling techniques.
- Implemented Jenkins for efficient software delivery through CI/CD pipelines. Reduced development cycles by 10% with automating builds, tests, and deployments. Improved release consistency through CI/CD practices. Proficient in orchestrating pipelines and managing CI/CD workflows. Skilled in CI/CD tools, pipeline automation, and software delivery processes.
- Managed SQL databases and Nginx configurations, optimizing query performance and ensuring data integrity. Reduced query execution time through performance optimization techniques. Implemented database security measures to safeguard sensitive information. Skilled in SQL databases, Nginx configuration, database performance optimization, and security practices.
- Guided cross-functional teams with effective communication and managed projects from inception to completion. Contributed to successful team collaboration and project delivery. Developed a start-up project by leveraging all acquired knowledge and skills.

EXPERIENCE

EVRCs - Electric Vehicle Remote Charging and Sensing | Accelerator | evrcs.com

Feb 2023 – Present

Experience: Currently steering a project in EV sector which is towards LLP registration and seed funding. Concurrently, also navigating the inclusion into Kurukshetra University's Community Incubation Centre, fostering an environment for collaborative growth. Also got opportunity to be part of Google's Start-up Success Day at Google -Gurugram.

Skills: Leading the development of a pivotal Proof of Concept (POC) integrating IoT-based cloud solutions with a native mobile application ensuring a secure and resilient infrastructure which also showcased my adeptness in DevSecOps practices. Additionally, deployed a React-Native web application with node functionality and IOT based backend application on a Linux server in a containerized manner, emphasizing my proficiency in deployment methodologies.

Qualities: These initiatives underscore my commitment to innovation and my collaborative spirit in a team. They represent my skill set and leadership while contributing to a narrative of professional growth and achievement. *GitHub:* github.com/gajenderyadav/EVRCs_TRANS

POSITION OF RESPONSIBILITY

E-Cell UIET- Lead of Web Development | REACT, PHP

Sep 2022 – Present

Lead of Web Development at E-Cell - UIET, Kurukshetra University, oversaw the creation and deployment of our websites using React and Web 2.0 along with this managed 13+ events, including hackathons, fostering innovation in Tech & Non-Tech. Events.

GitHub: github.com/gajenderyadavv/IIC-2K23 | github.com/gajenderyadavv/E-CELL-2K23

MICROSOFT LEARN STUDENT AMBASSADOR - DevOps Track | AZURE, ML Ops

Aug 2023 – Present

Being an Microsoft Learn Student Ambassador in DevOps, conducted a sessions for students. This sessions promoted learning and community growth. Each role contributed significantly to my technological expertise.

Documented in SA Technical Onboarding below.

GitHub: github.com/gajenderyadavv/SATechnicalOnboarding

COURSES

Amazon Web Services- APTRON Technologies, Gurugram

July 2022 – Sep 2022

- Built the strong concepts and implemented AWS to architect, deploy, and manage cloud-native applications on server less services also ensuring seamless scalability, reliability, and cost-efficiency.
- Extending to Role and user access management with compute and storage services along with this serverless application deployment also.

Red Hat System Administration - SSDN Technologies, Gurugram

July 2023 – Sep 2022

- Well commanding on Linux Proficiency, Security Configurations, ACLs and SELinux with Networking Skills and good Automation (Scripting) including the Virtualization (KVM) Services Management System and Recovery Storage Management services.

Languages: Fluent in English, Hindi

Hobbies: Attending Cloud/Developer Conferences and Workshops, Badminton, Reading.