

# Yash Kumar Jain

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## SKILLS

• <b>Programming Languages:</b>	Java, Python, C++, JS
• <b>Data Structures:</b>	Array, Strings, Linked List, Tree, BST
• <b>Cloud Computing:</b>	AWS, Azure, SaaS, PaaS, IaaS
• <b>Containerization:</b>	Docker, Kubernetes
• <b>DevOps Tools:</b>	Linux, Python Scripting, Git, Jenkins, Terraform, CI/CD
• <b>Monitoring:</b>	Grafana, Prometheus
• <b>DBMS:</b>	MySQL, Oracle Database, PostgreSQL
• <b>Management:</b>	Communication, Delegation, Leadership, Planning, Time Management

## PROJECTS

• <b>Data Pipeline:</b>	January 2025
• Designed and implemented a data pipeline using AWS Glue, S3, RDS, and EC2 with IAM roles.	
• Automated data extraction, transformation, and loading (ETL) for seamless processing and storage in RDS.	
• Optimized pipeline performance, ensuring scalability, security, and data management on AWS infrastructure.	
<b>Tech:</b> AWS Glue, S3, RDS, EC2, IAM Roles	
• <b>Data Monitoring:</b>	November 2024
• Implemented data monitoring system using Docker, Node Exporter, Prometheus, and Grafana for real-time insights.	
• Designed and deployed monitoring dashboards to visualize system metrics and troubleshooting efficiency.	
• Automated alerts and metric collection, ensuring proactive issue detection across monitored infrastructure.	
<b>Tech:</b> Ubuntu, Docker, Node Exporter, Prometheus, Grafana	
• <b>Jenkins Server:</b>	September 2024
• Configured and deployed a Jenkins server on AWS EC2 for CI/CD automation and efficient DevOps workflows.	
• Managed Jenkins pipelines for automated builds, testing, and deployments, enhancing software delivery speed.	
• Secured Jenkins with user roles, webhooks, and AWS integrations to streamline development and operations.	
<b>Tech:</b> Jenkins, AWS EC2	

## CERTIFICATIONS

• Azure Administrator Associate - Azure	April 2025
• AWS Academy Cloud Architecting - AWS	November 2024
• Introduction to Internet of Things - NPTEL	October 2024
• Azure Fundamentals - Azure	July 2024
• AWS Academy Cloud Foundations - AWS	May 2024

## Extra-Curricular Activities

- Successfully led and managed a tech event with 1,000+ attendees, featuring industry professionals as the chief guest.
- Member in the GitHub Club, guiding students in contributing to open-source projects and enhancing their skills.
- Organized community drives to support disabled individuals and orphaned children through collected contributions.

## EDUCATION

• <b>Lovely Professional University</b>	Phagwara, Punjab
• Bachelor of Technology - Computer Science and Engineering; CGPA: 7.4	Since August 2022
• <b>Gangadhar Meher Higher Secondary School</b>	Sambalpur, Odisha
• Intermediate; Percentage: 74.4%	August 2020 – May 2022
• <b>Saraswati Shishu Vidya Mandir</b>	Tusura, Odisha
• Matriculation; Percentage: 76.8%	July 2019 – April 2020