Md Sharjil Alam

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+91-9572813886   **hashnode:** TechTracks with Sharjil

EDUCATION

Chandigarh University
B.E. Computer Science   *CGPA 7.80/10*

Jeewan Public School
Class 12th   *Percentage: 75.4/100*

MS Memorial Public School
Class 10th   *percentage: 87.4/100*

SKILLS

Technical Skills

- **DevOps:** Golang, Python, Docker, Jenkins, Kubernetes, Ansible, Git, CI/CD
- **Cloud Platforms:** AWS (EC2, S3, IAM, CloudWatch, Lambda, RDS, Route 53)
- **Databases:** MySQL
- **Web Development:** HTML, CSS, JavaScript, React
- **Version Control:** Git, GitHub
- **Operating Systems:** Linux, Windows

PROJECTS

CI/CD Pipeline for Web Application | *Jenkins, GitLab CI, GitHub Actions, AWS*
- Configured CI tools (Jenkins, GitLab CI, GitHub Actions) to automate build and testing processes, leading to a 40% reduction in integration time and a 30% increase in code quality
- Established continuous deployment pipelines for staging and production environments, cutting deployment time by 50% and reducing errors by 60% through precise environment-specific configurations
- Integrated secrets management and environment variables to securely handle credentials during deployment

Containerized Application Deployment | *Docker, Jenkins, AWS, GitHub*
- Led a team of 5 to containerize and deploy a web application on AWS EC2 using Docker, ensuring a smooth and scalable deployment process
- Integrated Jenkins-based CI/CD pipeline for automated build, test, and deployment, reducing manual intervention and improving delivery speed
- Leveraged AWS infrastructure to improve application performance and scalability by 50%, minimizing downtime and boosting reliability

Auto Start/Stop EC2 Instances | *AWS Lambda, Python, EventBridge, IAM*
- Built an AWS Lambda automation in Python to schedule EC2 instance start/stop based on work hours
- Configured EventBridge cron triggers and IAM roles to securely manage EC2 lifecycle operations
- Reduced AWS costs by up to 60% through automated control of idle compute resources
- Enabled monitoring via CloudWatch logs to track execution and ensure reliable infrastructure behavior

TECHNICAL MENTORSHIP & VOLUNTEERING

Community Coding & Physics Mentor | *Volunteer*
- Conduct free mentoring sessions for students (Class 9–10) in Physics and basic programming concepts in my local community
- Help underprivileged learners build logical thinking and problem-solving skills by teaching foundational coding