

ANKIT RAJ

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Education

Chandigarh University Bachelor of Engineering, Computer Science (DevOps)	2021 – 2025 CGPA: 8.35
Paramount Academy Intermediate – 12th	2019 - 2021 Muzaffarpur, Bihar
Woodbine Modern School Matriculation – 10th	2018 - 2019 Darbhanga, Bihar

Projects

CICD Pipeline | *Docker, AWS, Jenkins*

- Developed and implemented a robust CI/CD pipeline for a web application, Used Docker for containerization and Jenkins for automation of builds, tests, and deployments.
- Orchestrated the deployment process on AWS, utilizing services like EC2 for hosting and S3 for storage.

10 Tier Microservice deployment on Kubernetes | *K8s, Helm, AWS, Docker*

- Orchestrated the deployment of a 10-tier microservices application on managed Kubernetes (K8s)
- Streamlined the deployment process by creating Helm templates for the application.
- Integrated Prometheus for efficient monitoring of resource utilization within the Kubernetes cluster.

Infrastructure Automation with IAC and Boto3 | *Terraform, Ansible, AWS Boto3, Python*

- Managed EC2 instances through Python scripts for provisioning, backups, and health checks.
- Employed Terraform to automate Kubernetes clusters, storage, IAM, and EC2 setup on AWS.
- Utilized Ansible playbooks to automate configuration tasks on EC2 instances, ensuring consistency and efficiency.

Film Flicker | *NextJs, ReactJs, Typescript, MongoDB, Tailwind CSS, Clerk (Auth)*

- Developed a feature-rich movie discovery website allowing users to explore trending movies, search for specific titles, use filters and access detailed information about each film.
- Implemented user authentication and authorization using Clerk, enabling secure login functionality and personalized features such as the ability to add movies to a watchlist.

Leadership & Activities

- Secured first position in Technical Poster Making Competition.

Skills

Technical: Docker, Kubernetes, Jenkins, Terraform, Ansible, Linux, Prometheus, GIT, AWS, NextJS, ReactJS, Tailwind CSS, HTML/CSS, Gitlab, ArgoCD

Languages: Java, JavaScript, TypeScript, Python, Bash