

Ankur Mishra

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EDUCATION

Chandigarh University

Master's in Computer Application

Punjab, IN

July 2024 - Present

Guru Gobind Singh Indraprastha University

Bachelor's in Computer Application

Delhi, IN

July 2019 - Aug 2022

EXPERIENCE

Project Engineer

Wipro Ltd

Mar 2023 – Present

Bengaluru, IN

- Designed and deployed highly scalable and secure **AWS** infrastructure solutions using **EC2, S3, VPC, IAM, and OCI** for diverse client environments. Managing complete **Docker** based **CI/CD pipeline** using **Jenkins, Maven, and SonarQube**, automating code build, testing, static analysis, and deployment to **AWS ECS** via **Elastic Container Registry(ECR)**.
- Implemented provisioning and configuration of **RHEL 8/9** and **Alma Linux** servers using pre-configured templates and post-deployment scripts, ensuring consistent OS build, and reduced manual intervention across environments.
- Managed full lifecycle of identity, access, and certificate management, including user/group provisioning, HBAC rules, password policies, **SSL/TLS** certificate creation/renewal (**Autocert, IBOT, Ansible Automation Platform-AAP**), and deployment of monitoring agents like **Telegraf** and security agents (Tenable, SentinelOne, Tanium).

Application Engineer

Midas Consulting

Oct 2022 – Mar 2023

Dallas TX, US

- Provided end-to-end support for applications built on the **TIBCO Suite** (BusinessWorks 6.8.1, EMS 10.2.0, API Cloud Management 5.6.0), including developing adapters and creating dashboards, reports using Tableau/TIBCO Spotfire.
- Used **Grafana & Prometheus** to oversee the performance of applications deployed on **Kubernetes(K8)**, contributing to a **20%** improvement in system responsiveness and resource optimization.
- Performed pre and post-validation of over **68+ servers** during routine patching activities across Development, PreProd, and Production environment, including Admin, Integration, Messaging, Datagrid, and API Cloud Management servers. Ensured system stability and performance using **SolarWinds/Splunk** and **VMware (ESXi)** monitoring.

Frontend Engineer

Dream Reflection Media Pvt Ltd

July 2022 – Sep 2022

Noida, UP

- Build websites using **WordPress** for more than 50,000 users. Prepare website proposals to present to clients, provide technical support to clients and write coding using **HTML5, CSS, and Vanilla JS**.
- Proficient in configuring and optimizing **Apache** and **NGINX** servers for hosting WordPress websites. Configured **SSL certificates** and enforced **HTTPS** protocol to ensure secure communication between the server and visitors. And to protect WordPress websites from common threats like **DDoS** attacks and unauthorized access.

PROJECTS

Automated Image Labeling / Python, Amazon S3, AWS Rekognition, RDS, Boto3, Matplotlib

- Built an automated image labeling pipeline using AWS Rekognition and Boto3 to detect objects, scenes, and concepts in S3-stored images.
- Visualized high-confidence labels using Matplotlib to enhance image understanding and interpretation.
- Integrated Amazon S3 for secure and scalable image storage, enabling seamless interaction with the Rekognition API

YouTube Analytics Dashboard / Terraform, AWS (Lambda, EC2, S3, CloudWatch), Data API, Grafana

- Deployed a serverless architecture using Terraform to automate YouTube analytics data ingestion and visualization.
- Built a Lambda function ingests real-time YouTube metrics (views, watch time, subscribers) every 30 minutes.
- Stored and versioned analytics data in Amazon S3; visualized trends on a Grafana dashboard hosted on EC2.

TECHNICAL SKILLS

Languages: Python, Shell Scripting

Web & Frameworks: FastAPI, WordPress, Bootstrap, Tailwind CSS

Databases & Tools: MS SQL Server, MongoDB Atlas, REST API, Git, AWS

DevOps & Monitoring: Kubernetes(k8), Docker, Jenkins CI/CD, Prometheus, Grafana, Terraform(IaC)