

# Utsav Kumar

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## SUMMARY

Cloud DevSecOps Engineer with a strong foundation in architecting and automating secure, scalable infrastructure across multi-cloud platforms (Azure, AWS, GCP). Proven track record of enhancing performance, security, and compliance through CI/CD pipelines, IaC, and intelligent automation. Driven by a passion for building cloud-native systems that are resilient and future-ready. Actively evolving toward a Cloud Architect role to lead enterprise-scale cloud transformations and design infrastructure that empowers innovation.

## SKILLS

- **Cloud & DevSecOps** - Azure (primary), AWS (basic), GCP (basic), Puppet, Docker, Kubernetes, Azure DevOps
- **Iac & Automation** - Terraform, PowerShell, Bash, Shell scripting, Puppet Bolt
- **Programming** - C#, React, JavaScript, SQL,
- **Security & Compliance** - CIS-CAT, TSS Scanner, Sectigo TLS Certs
- **Tools & Platforms** - Jenkins, GitHub, Linux, Puppet(PE), Grafana, Prometheus

## Experience

**Cloud DevSecOps Engineer**, LTIMindtree (Procter & Gamble) – Bangalore, IN July 2024 – Current

- Designed and automated **infrastructure lifecycle** for over 8,000+ multi-OS VMs (SUSE15, Oracle, Red Hat, Ubuntu, Windows, Aliyun), reducing manual effort by **70%** and enabling scalable, consistent deployments.
- Developed end-to-end audit and **remediation pipelines using Shell scripting and PowerShell**, achieving **93%** compliance with internal benchmarks across hybrid cloud infrastructure.
- Implemented **CIS-CAT Security Framework** and integrated Tenable Security Scanner (TSS) to run **automated security scans** over Oracle DB via **TCP/TCPs** using Sectigo-authorized **SSL/TLS** certificates, enhancing cloud data protection.
- Managed a multi-cloud environment—primarily Azure, with working knowledge of AWS and GCP—to provision secure, cost-effective infrastructure with **IaC principles**.

**DevOps Engineer**, Tata Consultancy Services (Tata Steel) – Jamshedpur, IN June 2023 – July 2024

- Deployed and maintained a **.NET** web application with deployment on **Azure, automating CI/CD pipelines** and **reducing deployment time by 40%** for Tata Steel's employee housing system.
- Integrated a real-time notification service that handled over 1,500+ status alerts/month, enabling faster query resolution and reducing admin response time by **30%**.
- Streamlined backend processes for housing allocation, **cutting manual effort by 35%** and reducing service-related escalations by 38%.
- Designed and launched a centralized dashboard to visualize KPIs and operational metrics across 20+ Tata Steel factories, enhancing data visibility and supporting faster decision-making by plant heads and executives.
- Developed SQL and SAP-based integrations to **fetch and process over 100K+ data records daily**, powering live factory performance analytics.

**Software Developer Intern**, HighRadius – Delhi, IN October 2022 – March 2023

- Developed a **predictive analytics system** for a fintech B2B sales invoice application, utilizing machine learning to forecast invoice payment dates and optimize financial planning.
- Designed a dashboard with **React.js**, delivering a user-friendly interface to manage and view the order book with **integrated payment prediction and analytics tools**.
- Built analytics dashboard for clients including **Mondelez, Nestle** etc.

## Education

**SRM University**, B.Tech – Computer Science May 2019 – June 2023

- GPA: 8.67/10.0

## Certificates

- Azure Solutions Architect Expert, **AZ-305**, Microsoft
- Azure Administrator Associate, **AZ-104**, Microsoft
- Azure Fundamentals, **AZ-900**, Microsoft
- Fundamentals of AI, **NASSCOM**

## Projects

**Expense Tracker** [Github Link](#)

- Built a full-stack .NET Core web app to track income and expenses with categorized breakdowns and visual analytics.
- Integrated LINQ and SQL Server for efficient data handling; ensured accuracy via rigorous testing.

**PrimeFlix** [Github Link](#)

- Developed a Blazor-based application to fetch and display trending movies using public APIs.
- Linked to IMDB and streaming platforms for user-friendly access to movie data and Swagger-based API documentation for developer testing.