

# TANISHKA KOKARE

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## CAREER OBJECTIVE

Software Engineer with DevOps and cloud experience, skilled in building REST API-driven, user-facing applications and supporting scalable, reliable systems. Proficient in JavaScript, HTML, CSS, backend integration, AWS, Terraform, Docker, CI/CD pipelines, and serverless architectures, with a strong focus on collaboration, automation, and continuous learning.

## SKILLS

**Cloud Platforms:** AWS, EC2, S3, IAM, Lambda, CloudWatch, CloudTrail, Azure, Cloud Formation, DynamoDB

**DevOps Tools:** Docker, Kubernetes, Terraform, Jenkins, Git, Ansible, Grafana

**Backend & Programming:** Python, Java, Shell Scripting, SQL

**Frontend & Web Technologies:** JavaScript (ES6), TypeScript, HTML5, CSS3, REST API Integration

**Operating Systems:** Linux (Ubuntu), Windows

**Core Concepts:** Design Systems, Security, Networking, Serverless Architecture

**Soft Skills:** Strong collaboration & communication, problem-solving mindset, willingness to learn and grow with products

## EXPERIENCE

### Tej Carrier Pvt Ltd

Jun 2025 – Aug 2025 | Pune

*Cloud Computing Intern*

- Implemented and deployed a serverless delivery analytics system using S3, DynamoDB, Lambda, and API Gateway.
- Accelerated data processing from 2 hours to 1.3 hours (35% faster) and streamlined reporting via QuickSight.
- Enhanced monthly AWS cost by 20% through refined storage and compute configurations.

### Defence Research and Development Organisation (R&DE, DRDO)

Aug 2024 – Nov 2024 | Pune

*Research Intern*

- Developed ML models for environmental and traffic forecasting using Kalman filters.
- Boosted accuracy from 68% to 85% and ensured 95% uptime in field deployments while automating validation to reduce testing time by 25%.

### Turing Techlabs

May 2024 – Aug 2024 | Pune

*Software Development Engineer Intern*

- Built and streamlined RESTful APIs and MySQL databases, improving query performance by 20%, enabling zero-downtime deployments, and enhancing version control efficiency by 40% through Git branching automation.

## PROJECTS

### AI DevOps Automation Tool

November 2025 - November 2025

- Built an end-to-end system that converts natural-language instructions into validated Kubernetes YAML using FastAPI, LLM agent, RBAC approvals, audit logging, and a frontend for safe YAML generation and deployment.

### Transit Performance Analysis (Logistics Data Engineering Project)

November 2025 - November 2025

- Developed a complete **ETL data pipeline** to process courier logistics tracking data using Python & Pandas. Extracted + transformed nested JSON (**99 shipments**) and built metrics for **transit performance, facility network efficiency, and delivery behavior**. Implemented robust timestamp handling (Unix ms, ISO, missing/null formats) and event de-duplication.

### Cloud based Smart Delivery Insights & Proof System

June 2025 - August 2025

- Executed serverless analytics pipeline handling 100+ transactions daily; accomplished 99.9% uptime and 45% faster deployment via CI/CD automation.

## CERTIFICATIONS

### AWS Certified Cloud Practitioner, AWS

Nov 2025 - November 2028

### Microsoft Azure Data Fundamentals (DP-900)

November 2025

Credential ID: B5771CB966A3DD38.

### AWS re/Start Graduate, AWS

October 2025

### Oracle Cloud Infrastructure Foundations Associate (1Z0-1085-25), Oracle

Sep 2025 - September 2027

## EDUCATION

### DY Patil International University, Pune

2022 – Present | Pune

*B.Tech. in Computer Science and Engineering (Cloud Computing)*

**AWS re/Start Program | IT Fundamentals, Linux, Python, Core AWS Services AWS re/Start program,** Oct 2025 | Pune  
Pune

## LANGUAGES

English (Fluent), Hindi (Fluent), German (Basic), Marathi (Native)