

Sanskar Jaiswal

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Bhubaneswar, Odisha

PROFESSIONAL SUMMARY

Software Engineer with 2+ years of hands-on experience in full-stack development, CI/CD pipelines, DevOps practices, and cloud-native solutions. Proficient in building scalable front-end interfaces with React, TypeScript, HTML, CSS/SCSS, and robust back-end services using .NET. Containerization using Docker and Kubernetes, and deploying secure applications on Azure and Linux-Servers via Jenkins and Terraform. Committed to clean, efficient code, Agile methodologies, and continuous learning.

TECHNICAL SKILLS

Programming Languages & Tools - Git | GitHub | GitLab CI | **Jenkins** | **SonarQube** | Nexus Repository | UrbanCode Deploy | **Docker** | **Kubernetes** | **HelmCharts** | Rancher | Linux | **React** | Redux-Thunk | Formik | TypeScript | Javascript | HTML | CSS | C# | **ASP.NET Web API** | **Entity Framework** | MVC | SQL | Postman | VS-Code | Azure Cloud (Web Apps / Blob Storage / Virtual Machines) | Azure DevOps | (**CI/CD, IAC, Release, Security Pipelines**) | Containerization | Terraform | **YAML** | **Groovy** | Figma | Scrum | Agile

WORK EXPERIENCE

Wipro

Lloyds Bank

April 2023 – Present

- Developed a Proof of Concept (POC) and documentation for a scalable full-stack application leveraging .NET for the backend and React with TypeScript on the frontend. Implemented Formik for robust **form validation**, integrated React-Redux with Redux Thunk for efficient **state management and asynchronous API handling**, and seamlessly connected the frontend with the backend to manage and persist data in an MSSQL Server. The entire solution follows **Clean Architecture principles**, ensuring maintainability and scalability, and is fully containerized to enable smooth and consistent deployments across environments.
- Maintained and enhanced a Web API for delivering personalized insurance recommendations by implementing advanced **optimization techniques** and user-specific caching strategies, significantly improving performance, response times, and overall system efficiency for authenticated users.
- Developed RESTful end-points for efficient data management to update incidents in real time, using Oracle DB.
- Facilitated **Daily Scrum meetings** and guided incremental development, **aligning cross-functional teams** to ensure consistent delivery throughout the project lifecycle. Enhanced collaboration, reduced development cycle times, and improved the delivery of features that effectively met customer requirements.
- Designed and implemented CI/CD pipelines** tooling Jenkins, Sonarqube and UrbanCode Deploy (UCD), enabling efficient sprint-based releases. **Reduced deployment time by 70%**, minimized manual errors and ensured faster software delivery.
- Dockerized .NET applications built with Clean Architecture and repository patterns, along with React-based frontend, ensuring modularity and scalability. Leveraged Docker best practices for **multi-stage builds, optimized image sizes**, and efficient container orchestration.
- Created snapshots with **proper versioning for each sprint cycle/releases** using Urban-Code-Deploy(UCD) and updated the EOTR.
- Containerized applications deployed using Helm Charts and managed using Docker, Kubernetes and Rancher, ensuring **high availability, fault tolerance and troubleshooting**.
- Automated pod maintenance with Cron jobs in Jenkins for cleanup tasks. Enhanced **infrastructure management, reduced storage cost**.
- Led the deployment and release process of a .NET application using Azure Pipelines, integrating(**Snyk**) security best practices and leveraging **Azure Container Registry (ACR)** for robust versioning and rollback strategies.
- Successfully deployed the application as a containerized service on Azure Kubernetes Service (AKS), ensuring **scalable, reliable, and seamless** operations.

CERTIFICATIONS

- [Azure Administrator Associate \(AZ-104\)](#)
- [Azure Fundamentals \(AZ-900\)](#)
- [Azure AI Fundamentals \(AI-900\)](#)

PROJECTS

- [Portfolio](#) React | TypeScript | Hosting
- [Ecommerce](#) .NET Core | React | Redux | MSSQL | Clean Architecture | Docker

EDUCATION

Silicon Institute of Technology

Bachelor of Technology in ECE, CGPA: 7.85

Odisha

2018 – 2022

Vikas Residential School

Senior Secondary Education (PCM), Percentage: 72%

Odisha

2015 – 2017